# Western-DHH Curriculum-Based Spoken Language Assessment Tool Vocabulary

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# Instructions for Selecting Items from the Vocabulary Lists

Goals:

- To have the classroom teacher select vocabulary items that are currently, or will soon be, relevant to the curriculum being covered in the classroom.
- To select vocabulary items that will help the student in learning the curriculum content.

Guidelines for selecting vocabulary items:

- 1. Give the vocabulary list to the classroom teacher.
  - Have the classroom teacher select around 10 vocabulary items that will be used in the classroom for the current unit or the unit that is about to begin.
  - The majority of the selected items should fall under tier 2 vocabulary.
  - Have the classroom teacher check off the first box next to the selected vocabulary items.
- Once the classroom teacher has returned the list to you, use the Rating Checklist with the student to determine the student's level of knowledge for each of the selected vocabulary items.
- Based on the results of the Rating Checklist, focus intervention and programming towards increasing the student's knowledge of the vocabulary items (e.g., focusing more attention on vocabulary with a lower rating).
   Note: You could use evidence-based strategies included on the Strategy Checklist to help with this.
- 4. After working on the vocabulary items, you may complete the Rating Checklist again. If the student now has the knowledge of the target vocabulary, check off the second box on the vocabulary list to indicate that the student now knows these vocabulary items.
- 5. Return the vocabulary list to the classroom teacher and have them select another set of vocabulary items relevant to the current/upcoming classroom unit(s).
- 6. Repeat the process as necessary.

# Instructions for Selecting Vocabulary Items

The best vocabulary to target in intervention is tier 2 vocabulary as it is made up of highfrequency words with high utility (e.g., they are useful in many contexts). There can be some subjectivity in determining which tier certain words fit into. Here are some guidelines to help determine which vocabulary to target.

Tier 1 Vocabulary:

- This includes the most basic words that most people would know without direct instruction
- These words are commonly used in oral language
- Examples include: common nouns like cat, dog, book, table, and common words that most people would know and use such as think, run, move, create, exercise

Tier 2 Vocabulary:

- This includes high-frequency words and words that can be used across multiple domains
- These words are found in more mature language use (e.g., adult language, written language) and may have multiple meanings
- These words require instruction
- Examples include: goal, include, conversation, prepare, instruction, advantage, patterns

Tier 3 Vocabulary:

- These are low-frequency words that are specific to a particular subject or domain (context-specific) and might only be learned by those studying that subject
- Examples include: photosynthesis, proton, square-based pyramid, stanza, alveoli, topographical features

### **References:**

Beck, I. L., McKeown, M. G., & Kucan, L. (2013). *Bringing words to life : Robust vocabulary instruction*. Guilford Publications. \*Note: Chapter 1 is especially helpful for choosing appropriate vocabulary\*

McGregor, K.K., Owen Van Horne, A., Curran, M., Wagner Cook, S., & Cole, R. (2021). The challenge of rich vocabulary instruction for children with developmental language disorder. *Language, Speech, and Hearing Services in Schools,* 52, 467-484. <u>https://doi.org/10.1044/2020\_LSHSS-20-00110</u>

# Curriculum-Based Spoken Language Assessment Vocabulary Rating Checklist

Using the vocabulary words selected from the vocabulary lists by the classroom teacher, fill in the first column of the template. With the student, go through each vocabulary item (one at a time) to determine their level of knowledge for each word. Begin by asking if they're ever heard the word. If they say no, indicate that in the table (#1) and move on to the next word. If they say yes, indicate that in the table (#1) and ask more about their knowledge of the word (#2-5). These don't have to go in order (e.g., if the student defines the word right away, that's fine). Try to get an idea of how complete their knowledge is of each vocabulary item (e.g., try to fill in multiple columns of the table).

Use the information gathered about the vocabulary items to help plan programming to target curriculum-based vocabulary that is now/will soon be relevant in the classroom.

Rating	Explanation	What This Means
1 - I've never heard the word before	The student doesn't know the word and can't provide any information about this word. Response: ✓ or X	This word needs to be taught and may need more time and attention.
2 - I've heard it but I don't know the meaning	The student has heard the word but can't tell you anything about it (e.g., can't explain what it means, can't use it in a sentence, can't tell you a synonym, etc.). Response: ✓ or leave blank	This word will need to be taught, but the student has minimal knowledge of the word already (they have heard it used before). This word may need more time and attention.
Context - Where have you heard it before?	If the student has heard the word before, what context was it in? Response: record context (e.g., person, place, situation)	This question will help you understand the knowledge the student has of this word (e.g., knowledge of the word "system" in the context of FM system, but not in the context of science curriculum).
3 - I can use it in a sentence	The student may not be able to fully explain the word, but they can use the word (correctly) in a sentence. Response: record sentence	This shows that the student has some knowledge of the word, but will need some more teaching to fully understand it.
4 - I know the function, attribute, category, synonyms, or antonyms	The student may not be able to define the word, but they can explain certain aspects of the word (e.g., how it is used, a synonym, whether it is a noun or a verb, etc.). Response: record aspects given by student	This shows that the student has some knowledge of the word, but needs a little more information to be able to fully understand it.
5 - I can give the definition	The student (accurately) defines the word Response: record definition	The student knows and understands this word and should not need much time devoted to it.

Note: This rating checklist can be used multiple times for the same vocabulary items if you want to measure change.

Vocabulary Item	1 - I've never heard it before	2 - I've heard it but don't know the meaning	Context: Where have you heard it before?	3 - I can use it in a sentence	4 - I know the function, attribute, category, synonyms, or antonyms	5 - I can give the definition

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Vocabulary Item	1 - I've never heard it before	2 - I've heard it but don't know the meaning	Context: Where have you heard it before?	3 - I can use it in a sentence	4 - I know the function, attribute, category, synonyms, or antonyms	5 - I can give the definition			

#### Vocabulary Strategy Checklist

Using the vocabulary items selected from the vocabulary lists by the classroom teacher, fill in the first column of the table below. It is helpful to go through the *Vocabulary Rating Checklist* prior to this *Vocabulary Strategy Checklist*, to help guide how much attention needs to be devoted to a particular vocabulary item based on the student's current knowledge of the word.

You should **not** use every strategy in the table with a single vocabulary item. We have included a variety of strategies to help target a student's knowledge of a word, but do not intend for all 17 to be used together. Select a few that are relevant to the particular vocabulary item, the student's skills, and the student's knowledge of the word. For example, if the student has never heard the word before, it likely makes sense to start with some of the basic strategies to begin to develop their understanding of the word. If the student can use the word in a sentence, but can't give a definition, it likely makes sense to use some of the more intermediate or advanced strategies to foster their knowledge of the word.

As the student's knowledge of the word increases, select some more challenging strategies. Ideally you want to use a variety of strategies to help the student develop a full understanding of the vocabulary items.

Note: Some of the columns may not apply to all of the vocabulary words (eg. acting out the word).

#### Vocabulary Strategy Checklist - Part 1

Student Name: \_

Date:

Fill in the first column of the table below with the target vocabulary items (selected by the classroom teacher from the vocabulary list). Note: Some of the columns may not apply to all of the vocabulary words (eg. acting out the word).

	The student can									
Vocabulary Item	1 - repeat the word when someone else models it	2 - identify a picture of the word	3 - say the word on its own	4 - draw a picture of the word	5 - act out / demonstrate the word	6 - select the correct definition from a group of options	7 - name the class of the word (eg. noun, verb, adjective)	8 - use the word in a sentence	9 - define the word	
Difficulty Level			Basic	_			Interm	ediate		

#### Vocabulary Strategy Checklist - Part 2

Student Name:

Date:

Fill in the first column of the table below with the target vocabulary items (selected by the classroom teacher from the vocabulary list). Note: Some of the columns may not apply to all of the vocabulary words (eg. acting out the word).

		The student can									
Vocabulary Item	10 - talk about related words / concepts	11 - use the word multiple ways	12 - manipulate the word into different classes (eg. verb - to run; noun - runner)	13 - recall the word a week later	14 - talk about the phonological properties of the word (eg. number of syllables, first letter, vowel sounds)	15 - spell the word out loud	16 - read the word	17 - write the word			
Difficulty Level:		Adv	anced			Literacy					

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Date:

Note: Only administer sections relevant to your specific student's needs. This summary form can help to guide programming.

Information - What is this task assessing?	Vocabulary items in the accompanying lists were pulled from the
These tools help with the monitoring of	Ontario Ministry of Education curriculum documents. Tier 2 vocabulary
knowledge related to curriculum-based	is used across many domains, and is therefore ideal vocabulary to target
vocabulary being used in the classroom.	in intervention as it has the potential to be most useful for students.

**Section A: Student Performance** – *use table on reverse side to capture student performance* 

#### Section B: Prompts, Supports, Accommodations – use this table to summarize helpful strategies

List prompts or supports attempted or trialed	Effective (E) Sometimes Effective (S) Not Effective (N)	Notes	

Accommodation(s) that may be helpful for this student (e.g., for intervention, in the classroom, in general, etc.):

#### Section C: Next Steps (where to go from here)

- Target relevant vocabulary items with which the student is less familiar. See Vocabulary Strategy Checklist for evidence-based strategies to target vocabulary.
- Target Tier 2 vocabulary to allow the greatest benefit from intervention (as these vocabulary items can be used in diverse situations).
- Provide opportunities for word use in other contexts (e.g., send a word list home for practice)
- Incorporate other languages, if applicable (e.g., provide translations of vocabulary words in students' additional language(s) to foster vocabulary knowledge may seek assistance from parents for this)

Note: use the supports considered effective in Section B

#### Section D: Sample IEP Statements

Note: Be sure to adapt these sample statements to be appropriate for your specific student, their goal(s), and the practices of your specific school board.

<u>Sample Statement #1</u>: The student will increase vocabulary knowledge of curriculum-based vocabulary from grade X mathematics curriculum.

<u>Sample Statement #2</u>: The student will show their understanding of curriculum-based vocabulary by responding accurately to relevant questions in their science and technology curriculum.

<u>Sample Statement #3</u>: The student will increase vocabulary knowledge to understand and define curriculum-based vocabulary terms from the grade X science and technology curriculum.

#### Section A: Student Performance

Indicate the vocabulary items targeted with the student in the Vocabulary Items Known section (if the student knows the vocabulary item) or the Vocabulary Items to Target section (if the student does not know the vocabulary item well). The Vocabulary Rating Checklist can be used to help determine the student's level of knowledge of vocabulary items. Include any relevant notes (e.g., prompts used, observations, etc.).

	Date(s)	
Vocabulary		Notes
Vocabulary Items Known (e.g., items for which the student was able to provide a definition)		
Vocabulary Items to Target (e.g., items for which the student was unable to provide a definition, even if partial word knowledge is evident)		
rea(s) of strength:		

Area(s) of challenge:

# Vocabulary List by Grade: KINDERGARTEN

Belonging & Contributing Student Name: \_\_\_\_\_

Date:

Tier 1:											
	after		agree		ask		backyard				
	before		birds		blocks		break				
	bugs		calm		careful		change				
	clap		class		container		create				
	dance		draw		dress		face				
	fair		family		fast		feelings				
	find		fish		fit		friend				
	group		happy		hear		help				
	hospital		like		listen		look				
	loud		make		many		move				
	myself		name		next		park				
	people		photos		picture		play				
	puppet		saw		show		sing				
	singer		slide		soft		song				
	stop		talk		teach		team				
	things		think		tidy up		together				
	touch		treat		trees		true				
	try		video		watch		water				
	words		Z00								

Tier 2:										
	accept		actors		alongside		already			
	apartments		arts		broken		circling			
	collage		compost		composter		decide			

describe	different	drama	figure
guess	happen	ideas	imagine
instead	know	mean	meeting
melt	melting	memory	music
notice	outdoors	place	please
poem	pond	pretend	recycle
remember	remove	respect	respond
retell	same	schoolyard	scrap
signs	size	speed	spun
suggest	thoughts	unfair	

Tier 3:									
	art gallery		clay		instrument		sculpt		
	shrubs		streamers		symbol		throat sing		
	verse								

# Vocabulary List by Grade: KINDERGARTEN

Self-Regulation & Well-Being

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:				
	better	body	bring	clean
	fruits	games	going	hard
	long	outside	painting	pick
	pieces	plants	practise	puzzle
	question	quiet	ready	ride
	roll	run	sad	safe
	sand	scary	share	shelf
	start	stop sign	sunglasses	sunscreen
	taste	thirsty	throw	time
	tired	trust	vegetables	walk
	wash	wheel		

Tier 2:	Tier 2:									
	active		backward		balance		beating			
	belong		bottom		catching		caught			
	check		crowd		curvy		directions			
	emotion		everything		fall		focus			
	forward		frustrated		funnel		gallop			
	garden		germs		gym		healthy			
	important		measure		mind		participate			
	pathway		post		recognize		relationship			
	relax		response		rules		rumbling			
	shade		signals		situation		skipping			
	solve		step		straight		stranger			

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stretch	theater	thin	tossing
traffic lights	upset	zigzag	

Tier 3:	Tier 3:									
	allergy		bean bags		body parts		delicate			
	dice		empathy		fitness		lacing			
	lean		muscles		tube		vehicle			
	yoga									

#### Vocabulary List by Grade: KINDERGARTEN

Demonstrating Literacy & Math Behaviours Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:	Tier 1:										
	angry		behind		beside		big				
	book		both		bottom		card				
	cartoons		closely		dark		down				
	end		far away		finger		flip				
	fold		front		grow		how				
	jump		middle		missing		more				
	movie		numbers		reading		rip				
	roof		short		smaller		sound				
	story		taller		top		touch				
	up		use		wear						

Tier 2:				
	across	add	amount	angle
	author	away	background	beginning
	believe	bigger	carving	character
	circle	clues	collect	common
	communicate	connection	count	curious
	describe	design	enemy	explore
	fewer	frame	gather	graph
	heavier	height	illustration	imagination
	imagine	interested	invitation	join
	kites	label	language	left
	letter	line	list	materials
	mirror	near	note	object

opinion	pattern	photograph	placement
plate	poster	predict	problem
purpose	remind	replace	represent
right	shape	shiny	sides
smoke	sort	squish	stable
strips	title	tool	tower
track	view	viewer	visit
wavy	what	where	why
wonder	writing		

Tier 3:	Tier 3:									
	animated words		capacity		cone		consonant			
	cube		data		fiction		front cover			
	geoboard		maze		media		non-fiction			
	number line		observe		pyramid		read-along			
r r	rectangles		rectangular prism		rhymes	r r	scales			
	square		survey		syllable		tallies			
	think-aloud		triangle		vowel		weigh			
	width									

# Vocabulary List by Grade: KINDERGARTEN

Problem Solving & Innovating

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:	Tier 1:										
	animals		bike		bones		bugs				
	easy		finish		fish		head				
	march		meat		menu		nature				
	outside		reach		restaurant		ride				
	round		sadness		seed		shadow				
	spill		sponge		stomach		stones				
	test		wings								

Tier 2:				
	active	around	арр	brick
	bridge	build	buildings	bump
	casting	challenge	climb	collapse
	conclude	costume	delicate	device
	dramatic	elsewhere	energy	environment
	equipment	moisture	observe	participate
	price	project	ramp	recycling
	rough	row	segments	sentence
	shells	smooth	solution	storybook
	suppose	surprise	tablet	technology
	temperature	theory	tile	tilt
	version	wide		

Tier 3:	Tier 3:									
	abdomen		antennae		counting strategy		custodian			
	experiment		magnifier		magnifying glass		predator			
	rhythm		safety goggles		sculpture		thorax			

Tier 1:											
	activity		air		animals		battery				
	behave		behaviour		breathe		care				
	change		food		health		heat				
	help		loss		nature		needs				
	plants		shapes		size		water				
	weather										

Tier 2:				
	absence	advantages	affect	appearance
	characteristics	chart	compare	consume
	conditions	construct	contribute	daily
	describe	design	develop	diagram
	differences	disadvantages	dispose	distinct
	effect	electricity	energy	environment
	equipment	event	experiment	explore
	expose	flexible	function	generate
	growth	harm	height	identity
	impact	interfere	investigate	issues
	limited	living things	location	materials
	methods	objects	observations	patterns
	power	predict	presence	principal
	procedure	produce	properties	protection
	purpose	reduce	relationship	research
	resources	respect	result	rigid

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seasons	sense	sequence	similarities
skills	smooth	society	solid
source	space	specific	structure
suffer	supply	surroundings	survival
system	temperature	tools	warmth
waste			

Tier 3:										
	dormant		greenhouse		hibernate		pollution			
	reproduce		seasonal cycle		shelter					

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:										
	above		behind		below		bigger			
	coins		colour		fair		heavy			
	ideas		in front		less		letters			
	long		money		more		numbers			
	pictures		short		sides		smaller			
	tall		wide		words					

Tier 2:				
	addition	amount	area	ascending order
	bills	calculations	category	certain
	changes	check	coding	collaborative
	collect	combine	communicating	compare
	constants	counting	creativity	critical thinking
	data	descending order	diagram	digit
	divide	equal	equalities	equations
	equivalent	estimate	events	expressions
	flips	form	graphs	half
	halves	image	impossible	inequalities
	investigate	joining	labels	leftover
	likelihood	movement	multiply	narrow
	object	organize	order	outcome
	pairs	patterns	population	portion
	possible	predict	probability	problem solving
	properties	proving	quantity	relationships

Vocabulary - Grade One

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	remainder		repeat	representing	separating
	sequence		shape	slides	solve
	sort		thickness	titles	tools
	to the left		to the right	turns	units
r r	unknown quantity	r r	variables	visualize	whole

Tier 3:					
	cardinality	congruent	conservation principle		equal-sharing
	fair-sharing	fourth	fractions		geometric shape
	given quantity	hundreds chart model	inverse operations		learning tools
	linear model	number line	number sequence		number strand
	numerals	one-to-one correspondence	order irrelevance		part-whole models
	pattern extension	pattern rules	pattern structure		physical models
	physical quantities	pictographic	place value	r r	positional language
	skip count	subitize	tallies		tally tables
	ten frames	tenths	three dimensions		two dimensions
	unit fractions	whole numbers			

Tier 1:										
	attention		gather		interest		main			
	message		question							

Tier 2:	Tier 2:											
	active listening		adjectives		animations		audience					
	background knowledge		brainstorm		capital letter	r	chant					
	character		descriptive		dictionary		discussion					
	draft		drama		event		exclamation mark					
	experience		facial expression		fact		familiar					
	feedback		fiction		headings		illustration					
	independent		interrupt		labels		main idea					
	media		mental picture		narrative		narrator					
	oral communication		oral language		organize		page number					
	period		personal connections		photograph		phrase					
	pitch		poem		predict		present					
	problem		props		punctuation		puppet					
	purpose		question mark		reading		report					
	represent		restate		retell		sentence					
	sequence		solution		speaker		symbol					
	time order		unfamiliar		viewers		visual arts					
	visualize		volume		written language							

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Tier 3:										
	beginning sequence		complete sentence		graphic text		informational text			
	introductory statement		literary text		media texts		middle sequence			
	oral recount		oral text		personal writing		point of view			
	signal word		social interaction		table of contents		topic statement			

Tier 1:				
	above	beside	body coverings	bouncing
	challenges	clear	cooled	dew
	dropping	feather	float	fog
	freeze	frost	fur	gasoline
	greasy	hail	hard	hazard
	heated	insects	invisible	lift
	liquid	local	melt	movement
	poured	pull	push	rolling
	runny	screw	sink	sleet
	spinning	swinging	turning	vibrating
	wheel			

Tier 2:				
	accumulate	capacity	companionship	conclusions
	condensation	devices	disabilities	disappear
	disperse	dissolve	endangered	enhance
	essential	excess	faucet	flow
	formation	friction	gear	impaired
	interact	labour	mechanics	mechanisms
	migration	models	odourless	opinion
	opaque	precipitation	predator	prey
	pulley	quality	ramp	rate
	relieve	repel	sensitive	slope
	species	states	stored	substance

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transportation	visible		

Tier 3:	Tier 3:										
	absorption		adaptation		axle		buoyancy				
	evaporation		granular		inclined plane		lever				
	life cycle		mammals		pesticides		reptiles				
	reserves		reservoirs		sedentary		simple machines				
	steam		vapour		wedge						

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:										
	different		direction		double		edge			
	even		height		hours		hundred			
	map		minutes		odd		seconds			
	ten		time		total					

Tier 2:	Fier 2:										
	abstract		collection		combinations		concrete				
	concurrent		continuous		cyclic nature		depth				
	expanded form		generate		grid		horizontally				
	intersection		justify		manage		measures				
	measuring tape		measuring tool		mode		organized list				
	piece		rearrange		ruler		scale				
	scaling		sequential		similar		stopwatch				
	symmetry		vertically								

Tier 3:	Tier 3:										
	addition facts		bar graphs		benchmark numbers		bird's-eye view				
	Carroll Diagram		centimeters		circular number lines		complementary events				
r r	compose numbers		counting back		counting on		curved side				
	data literacy		decase	r	decompose numbers		equal-grouping division				

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equal-sharing			
division	fact families	geometric design	key graph
lines of			measurement
symmetry	line plots	logic diagrams	division
			numerical
meters	mixed numbers	number system	expression
ones	parallel sides	partitive division	pixelated image
quotative		repeated	repeated
division	rekenreks	addition	subtraction
		standard	
side lengths	sixths	notation	standard units
straight side	subtraction facts	thirds	two-way table
unit count	unit of time	Venn diagram	vertices
width			

Tier 1:									
	eye contact		fairy tale		front		goal		
	image		letter						

Tier 2:					
	advertisement	atlas	billboard		caption
	chart	checklist	commercial		connections
	diagram	digital image	electronic text		episode
	exchange	exclamations	express		general
	gesture	graph	graphic		hero
	index	layout	materials		methods
	noun	opinion	oral presentations	ſ	paragraph
	past tense	pause	plot		present tense
	presentation	print	procedure		pronoun
	recipe	reflection	reorder		research
	resolution	sight	signal		sound effects
	specific	speech	statements		story map
	theme	verb	villain		visual aid
	voice	word order			

Tier 3:									
					chronological				
	alliteration		base word		order		comma		

film production	folk tale	intended audience		joining words
language patterns	language skills	linking words		main audience
minor character	multicultural texts	photo collage	r r	photo essay
primary dictionary	quotation mark	simple map	r	story grammar
Venn diagram	visual texts	web organizer		word choice

Tier 1:									
	flower		leaf		movement		root		
	sand		soil						

Tier 2:	Tier 2:										
	alteration		attract		balance		base				
	buckle		bulbs		collapse		components				
	compress		deplete		destroy		distance				
	flexibility		forces		form		illustrate				
	load		motion		prevent		primary				
	regions		reliable		rural		speed				
	stability		strength		support		techniques				
	threaten		tides		traditional		utilities				

Tier 3:										
	adobe		aeration		aerobics		atmosphere			
	bacteria		cement		charge		citizenship			
	clay		climate		composition		compost			
	contact forces		controlled movement		dam		decay			
	desert		drainage		drought		drugability			
	Earth materials		earthquake		earthworm		electrostatic			
	endure		erosion		exert		fertilizer			

fine-grained	flood	germination	r r	gravitational forces
gravity	greenhouse gas	gritty		habitat
herbs	heritage	ingest		ingredients
landslides	load-bearing	loam		magnetic forces
magnetism	manure	microscope		minerals
mosses	muscular force	native		non-contact forces
nourishment	nutrients	organic		organic matter
pebbles	phenomena	pistil		pollen
resistance	seedlings	settlements		settlers
shingles	shrubs	slick		stamen
static	stem	strut		sufficient
tension	triangulation	truss		urban
wetlands	wildlife	withstand		

Curriculum-Based Spoken Language Assessment								
Vocabulary List by Grade: GRADE THREE								
Mathematics	Student Name:							

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:			

\_\_\_\_\_

Tier 2:	Tier 2:										
	analyze		assemble		attribute		automate				
	average		capacity		challenge		clockwise				
	column		combinations		compute		construct				
	context		counterclockwise		either		execute				
	gaps		generalize		likely		nearest				
	overlaps		relative		repetitive		unlikely				
	variability										

Tier 3:	Tier 3:										
r r	addends		additivity property	r	algorithm	r r	analog				
	arrays		base	r	base ten materials		central tendency				
	closed number line		colon	r	cubes		curved shapes				
	cylinders		data set		debug		denominator				
	diagonal		digital clocks		distributed		division facts				
	double count		double number line	r r	eights		elements				
r r	equally likely		equivalency	r r	equivalent fractions		expanded notation				

Curriculum-Based Spoken Language Assessment

face value digit	faces	fifths	formula
fractional amount	fractional notation	frequency tables	full turn
grouping division	half round up	half-turn	halving
inverse relationship	iteration	kilometers	loops
mass	mean	midpoint	millimeters
missing factor	multi-digit	multiplicative pattern	non-standard equation
number strings	numerator	open number line	partial calculations
partial diagrams	partial number line	partitioned	pattern core
perimeter	physical object	placeholder	polygon
prisms	pseudocode	pyramids	qualitative
quantitative	ratios	recompose	regroup
relational rods	rounding	row	scales
scale up	simple cash transactions	skewed	spatial sense
tables of values	term number	term value	thousands
three-circle Venn diagram	timers	trade	transitivity property
tree diagrams	unit column	unit fraction	unitized
vertical bar graph	weight		

\_\_\_\_ Date: \_\_\_\_\_

Tier 1:									
	slide show								

Tier 2:	Tier 2:										
	advice		alternative		classification		comparison				
	contribute		conversation		convey		differences				
	emphasize		inference		influence		outline				
	paraphrase		perspective		repetition		resources				
	similarities		sketch		sources		style				
	tables										

Tier 3:					
	aboriginal	action verb	adverbs		antonym
	chapter book	character traits	climate		comic books
	comparative adjectives	comparatives	conference	r	cursive
	dialogue	diaries	direct speech		electronic reference sources
	fables	factual recount	figuratively		first-person personal pronoun
	glossary	grouping	hyperlinks		implied message
	intonation	literally	logos		long vowel

magazine articles	main elements	margins	mind maps
multimedia	oral report	overheads	overt message
pamphlet	paragraph frame	personal recount	plot development
possessive pronoun	prefix	pronunciation	proofread
revise	rhyming dictionary	rhythm	short vowel
spacing	speech bubbles	storyboard	subheadings
suffix	syllable	synonym	t-chart
tape-recording	text features	thesaurus	third-person personal pronoun
trade books	video stills		

## Vocabulary List by Grade: GRADE FOUR

Science & Technology

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:									
	aim		color		fair		flat		
	hardness		light		rocks		sound		

Tier 2:				
	alternative	artificial	availability	classify
	community	compact	concrete	contribute
	consolidate	dependence	depletion	deposit
	direction	effort	encourage	equal
	equitable	examine	expansion	extract
	facilitate	feature	firm	force
	fuel	gear	generation	harvest
	independence	initial	innovation	instrument
	intensity	linear	loudness	lower
	machine	medium	modification	motion
	natural	obscure	operate	origin
	particular	path	pedal	penetrate
	pitch	plane	population	raise
	rapid	rear	reuse	samples
	secure	separate	shiny	solidify
	speed	surface	transfer	transmit
	travel	visible	volume	

E.

Tier 3:				
acid rain	agriculture		aluminum	amplification
auditory	beam		bevel	carnivores
climate change	conserve		consumer	decomposer
deforestation	diffract		disease	disorient
divert	Earth's crust		echo	electrical energy
encroachment	erupt		extinction	fluorescent
food chains	generalized species		geology	gravel
green spaces	herbivores		hunting	idler gears
igneous rocks	ignite		incandescent	input force
interdependent	invasive species		kaleidoscope	landscape
lustre	mechanical advantage	r r	metamorphic rocks	microphone
minerals	mining		natural gas	omnivores
optical	oscillating		output force	periscope
prism	producer		pulley	purify
quarried	recycle		refine	refineries
reflect	refract		replenish	rotary
rack-and-opinion	sedimentary rocks		smog	specialized species
spur gears	streak		structural adaptations	technology
telescope	terrarium		texture	timber
topsoil	tourism		transparency	trapping
urban development	vibrations		white light	woodlot
worm gears				

Western-DHH Design Project

## Vocabulary List by Grade: GRADE FOUR

Mathematics

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:		

Tier 2:	Tier 2:										
	adjacent		broad		clusters		complexity				
	distance		doubles		equally likely		factors				
	goods		likely		manipulate		origin				
	overestimate		plot		product		rate				
	rays		reflections		save		services				
	simplify		spend		symbols		symmetrical				
	underestimate		unlikely		verify		volume				

Tier 3:	Tier 3:										
	acute angle		area model		associative property		asterisk				
r	axis		balance model		cartesian plane	r	commutative property				
	consumer		continuum		convention		coordinate				
	decimal		decimal notation		decimal tenths		denote				
	dependent variable		distributive property		dividend		division statement				
	divisor		elapsed time		expected outcome		foundational facts				
	grams		growing patterns		guess-and-check		improper fraction				
	independent variable		infographic		kilograms		line segment				

r Ir I			r Ir I		r Ir I	
	linear patterns	litres		median		metric system
				multiple-bar		
	milliliters	missing addend		graphs		near facts
	negative					
	numbers	nested event		nested loops		obtuse angle
		partial number				
	operator	lines		pattern intervals		payment
	perpendicular	positive numbers		prefix		primary sources
	probability line	proper fraction		quadrants		quotients
				repeating		
	range of values	rectangular grid		patterns		right angles
						standard
		secondary				fractional
	scale factor	sources		set model		notation
	stem-and-leaf					
	model	straight angle		transformations		translations
		whole-number				
	vendor	rates		x-axis		y-axis

Select (check off) 10-12 vocabulary items from below to target with the student

Tier 1:								
	textbook							

Tier 2:	Tier 2:										
	acknowledge		alternative		announcement		broad				
	challenge		cite		clarify		comment				
	comprehension		establish		evidence		fluent				
	formal		formulate		framework		generalization				
	highlight		impression		improvement		informal				
	narrow		obstacle		pace		pronounce				
	publish		realistic		reveal		significant				
	subject		suggestions		summarize		timeline				

Tier 3:	Tier 3:										
	anecdote		apostrophe		article review		bias				
	biography		body language		broadcast		cause and effect				
	cluster ideas		complex sentence		concept map		concluding statement				
	conjunction		constructive comment		contractions		convention				
	cueing systems		depict		documentary		emotive language				
	encyclopedia		future tense		graphic novel		homograph				
	homonym		idiom		implied ideas		irony				
	irregular plural		logical order		medieval		mnemonics				

Vocabulary - Grade Four

	myth		peer writing conference		play		possessive contractions		
	preposition		prose		read between the lines		regular plural		
	short story		statement of opinion		stereotype	r r	subject-verb agreement		
	subtitle		sympathy		text box		transition words		

## Vocabulary List by Grade: GRADE FIVE

Science & Technology

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:	Tier 1:										
	attitudes		create		coal		destroy				
	exercise		heart		hurricane		joints				
	landfill		linked		measure		raw				
	smoke		stomach		sweating		tornado				
	values		waves								

Tier 2:	Tier 2:									
	appliances		associated		chemical		circulation			
	composition		consequences		contained		critical			
	damage		definite		digestion		efficient			
	exchange		exertion		fusion		gas			
	irreversible		mechanical		nutrition		physical change			
	preservation		recharge		simulations		thermometer			
	vessels		volume							

Tier 3:				
	aerodynamic	alveoli	body temperature	chemical change
	circulatory system	digestive system	external force	heart rate
	indicators	insulation	kinetic	large intestine
	matter	mechanical energy	musculoskeletal system	natural phenomena

nervous system	non-renewable	organs	over exposure
		respiratory	
precipitate	quantitative	system	saliva
small intestine	solar energy	sublimation	tides
torque	tsunamis	wattage	wind energy

## Vocabulary List by Grade: GRADE FIVE

Mathematics

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:								
	hundred		sample		square			

Tier 2:	Tier 2:										
	approximation		compass		conditional		statement				
	conversions		credit		debt		define				
	dimensions		evaluate		front view		greater than				
	interval		less than		loan		merge				
	money transfer		percents		rotations		spatially				
	subset		sum		thousand		top view				
	trial		visual model								

Tier 3:						
	additively		algebraic expression	angle of rotation		binary logic
r	boolean condition		decimal fractions	decimal number system		double scale
	dynamic geometry applications		equivalent fractions	equivalent ratios		experimental probability
	financial well-being		fractional area	fraction circles		fraction strips
	hundredths	r	identity principle	isosceles	r	like denominators
	long division		multi-operation	odds in favor		partial product

partial quantity	partial quotient	pi	protractor
ratio table	relative-frequency	repeated subtraction	reverse flow chart
sales tax	sampling	sampling technique	scalene
simple random	stratified random	systematic random	tables
tax revenue	theoretical probability	unit rate	whole number percents

Western-DHH Design Project

## Vocabulary List by Grade: GRADE FIVE

Language

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:								
	body		mood		film			

Tier 2:	lier 2:										
	affirm		appeal		bilingual		commentary				
	conclusion		coverage		editorials		finality				
	globe		historical figure		humorous		imagery				
	introduction		justify		legend		logical organization				
r r	negative review		novel		one-sided argument		positive review				
	promt		pun		relate		reliable				
	run-on sentence		sensitivity		studio audience		talk show				

Tier 3:	Fier 3:										
	abstract noun		biographical sketch		character development		collective noun				
	common noun		compound sentence		dramatization		ethnocultural				
	evocative image		exaggerated claim		formal tone		homophone				
	inflected forms		informal tone		lead actor		metaphor				
	onomatopoeia		palindrome		pathetic fallacy		personification				
	polysyllabic		principal clause		proper noun		schwa symbol				

sentence fragment	similes		

## Vocabulary List by Grade: GRADE SIX

Science & Technology

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Tier 1:	Tier 1:										
	airline		airplane		dry		engine				
	flight		forward		individuals		launch				
	lift		motor		stars		tail				
	weight										

Tier 2:				
	adverse	circuit	classification	contribution
	convenient	convention	convert	current
	cycle	demand	diversity	drag
	flap	glide	invasive	motion
	navigation	peak	phase	position
	precise	pressure	propose	relay
	resilient	revolution	roles	rotation
	station	substantial	tilt	transform
	upward	wire		

Tier 3:	Tier 3:										
	airfoil		alternating current	r r	arthropods		asteroids				
	astronauts		aviation		axis		biodiversity				
	comets		conductor		coniferous		crops				
	current electricity		deciduous	r	eclipse		ecosystems				

electrical			r r	с. с. н.
phenomena	electrical device	electrical energy		force of gravity
globe	hover	humid		hydroelectricity
indigenous	infections	injured		invertebrate
life-support systems	lunar	membrane		micro-organisms
monoculture	moon tides	moons		natural community
nuclear	operator	organisms		outlet
overhead	parachute	parallel circuit		pests
planets	poisonous	primates		projectile
propel	robot	rub		satellite
series circuit	shuttle	simple circuit		solar system
spacecraft	spectator	spectroscopes		spine
static electricity	steered	sundial		supplements
telescope	territory	thermal		thrust
turbine	ventilate	vertebrate		voltage

#### Vocabulary List by Grade: GRADE SIX

Mathematics

Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Student Name: \_\_\_\_\_

Tier 1:									
	bank account		kite						

Tier 2:	Tier 2:										
	accuracy		alter		brackets		contrast				
	coordinate		dart		database		finite				
	gap		infinite		million		range				
	simulation		sub-category								

Tier 3:						
r	absolute comparison	absolute value		acute triangle	r	algebraic equation
	balance scale	balanced budget		bell curve		bisected diagonal
	broken-line graphs	cardinal directions		centre speed		complementary angles
	composite numbers	continuous data		degree of monomial		discrete data
	divisibility	efficient code	r r	factor trees		financial institution
	flow chart	general equation		heptagon		hexagon
	histograms	horizontal number lines		imperial units		independent events
	interest rate	integers		intercept		line plots
	line symmetry	linear growing patterns		measure of spread		monomials

negative integers	negative rotations	obtuse triangle		octagon
opposite angles	order of operations	partial area	r	positive integers
prime factors	proportional reasoning	quadrilaterals		question of interest
ratio boxes	rational numbers	reflex angle		relative comparison
relative value	repeating decimal	rotational symmetry		savings
supplementary angles	surface area	symmetrical histogram		terminating decimal
thousand ths	translation vector	uniform distribution		unit price
vertical number line	x-intercept	y-intercept		zero pairs

Curriculum-Based Spoken	Language Assessment
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## Vocabulary List by Grade: GRADE SIX

Language

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:				
	r			

Tier 2:	Tier 2:										
	achieve		adapt		adequate		brackets				
	compelling		complex		contemporary		convince				
	effective		enhance		formality		historical				
	imaginary		legible		persuasive		refine				
	vivid										

Tier 3:				
	adverb phrases	authoritative impression	autobiography	beyond-the-lines
	colon	complex sentence	conjunction	contestant
	entry word	fantasies	fishbone chart	flowchart
	future verb tense	graphophonic cues	hyperbole	inclusive language
	indefinite pronouns	journalist	logical structure	lyric
	mock	monologue	move technique	movie convention
	non-discriminato ry language	past verb tense	present verb tense	primary stress
	ranking grid	rhetorical device	secondary stress	semi-colon
	slogan	specific nouns	strong verbs	stylistic device

subordinate clause	succinctness		supernatural	t-chart
thematic dictionary	thesis	r r	travelogue	unusual adjectives
weak stress	webquest text			

Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:									
	hollow		local		mixtures		moisture		
	native								

Tier 2:	Tier 2:									
	aesthetic		chambers		colonies		congestion			
	decomposition		dilute		distillation		emit			
	engineer		extraordinary		faulty		filtration			
	homogenous		incorporate		incorporation		infestation			
	intervention		postulate		sensor		shear			
	sifting		solutions		submerge		sustainability			
	symmetry		theory		universal					

Tier 3:					
	abiotic	asphalt		biofuel	bioinvasion
	biotic	center of gravity		colony	combination structure
r	detritivores	electrical resistance		ergonomic	food literacy
	frame structure	fungi		geothermal	global warming
	insoluble	light beam	r r	light intensity	mechanical mixtures
	meteorological	particle		ploughed	pure substances
	radiation	reradiate		shell structure	slurry
	solvent	symbiotic		truss	unsaturated

Vocabulary - Grade Seven

Date: \_\_\_\_\_

Tier 1:									
	billion		currency		discount		layer		
	reliable		steep						

Tier 2:	Tier 2:									
	derivative		diameter		dilation		distort			
	illustrations		incline		initial value		operator			
	optimize		outliers		radius		replacement			
	reposition		sector		simplify		sub-program			
	superscript									

Tier 3:					
	cabinet projections	circle graph	r	circular cylinder	circular right cylinder
	constant rate	cross-section		cubic centimeters	data cluster
	data distribution	data shape		developmental progression	elevation views
	e-transfer	exchange rates		exponent	exponential base
	exponential notation	flat drawings		graphical projection	greatest common factor
	head of a vector	horizontal format		horizontal slice	international currency
	irrational number	isometric projections		least common multiple	lowest terms

		non-proportional		non-unit
modularize	negative fraction	situation		conversion
oblique prism	percent decrease	percent error		percent increase
perfect squares	perspective views	plane symmetry		plan views
positive direction	positive fraction	powers of ten		proportional situation
right-angled prism	similar figures	simplified fraction		simplified monomials
square meter	square numbers	square roots		stalk format
tail of a vector	translational symmetry	unlike denominators	r	vertical slice
visual proofs				

Date: \_\_\_\_\_

Tier 1:	Tier 1:									
	artistic		comedy		cultural		language			
	manuals		mystery		political		symbols			

Tier 2:	lier 2:										
	abbreviation		analogy		appeal		assert				
	clarification		contrast		credibility		depict				
	dominant		enumeration		features		flashback				
	hyperlink		ideological		imaginative		interrelationship				
	narrative		nationality		omission		opposition				
	parentheses		perspective		persuasive		phrase				
	position		reinforce		retrieve		selectively				
	statement		straightforward		subgroup		substitute				
	task bar		tragedy		understatement						

Tier 3:	Tier 3:										
	character sketch		diction		dramatic		genre				
	historical fiction		impersonal style		monologue		panel discussion				
	past participle		prepositional	r r	present participle		reference list				
	relative pronoun		sarcasm		sensory		tableaux				
	t-chart		topographical		works cited						

# Vocabulary List by Grade: GRADE EIGHT

Science & Technology

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Tier 1:								
	illness							

Tier 2:	Tier 2:										
	accomplish		basis		coast		density				
	diagnose		diffusion		fluids		forecast				
	fragile		illumination		implication		international				
	manipulate		national		parallel		productivity				
	redirect		stage								

Tier 3:				
	Aboriginal clan systems	aeronautical	aquifer	automation
	bioremediation	body systems	calibrate	cell division
	cell membrane	cell theory	cell wall	cells
	cellular	cellular transport	chloroplast	chromosome
	combustion	contaminant	cross-breed	cytoplasm
	deoxyribonucleic acid	desalination	diameter	effort arm
	effort force	electron microscope	endoplasmic reticulum	eye piece
	fluid mechanics	fresh water	gas exchange	glaciers
	genes	golgi apparatus	health care systems	hydraulic
	hydrocarbons	hydrodynamic	hydrometer	hypertonic

hypotonic	indicator	infuse	irrigation
isotonic	load arm	lubrication	lysosomes
mass transit	mechanical		
systems	systems	microclimates	microscopes
mitochondria	mortality	multicellular	municipality
nucleus	optical systems	optimize	organelle
		potential of	
osmosis	piston	hydrogen (pH)	pneumatic
polar ice-cap	ratio	remediation	ribosomes
selective			
permeability	salinity	septic tanks	simple systems
syringe	tissues	tubing	unicellular
vacuole	viscosity	vitro fertilization	water table
water quality	wheelbarrow	wilting	

# Vocabulary List by Grade: GRADE EIGHT Mathematics Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:									
	between		drop		within				

Tier 2:	Tier 2:										
	conclusions		deposit		enlarge		expenses				
	incentive		income		legs		magnitude				
	precede		rise		sensor		temperature				
	troubleshoot										

Tier 3:					
	absolute difference	alternate exterior angles	angle properties		annual fees
	base ten relationships	between-within diagrams	binomials		caret symbol
	clock models	co-interior angles	complex fractions		complex tessellating tiles
	composite shapes	compound interest growth	constant rate		consumer contract
	continuous variables	corresponding angles	curve of best fit	r r	dynamic geometric software
	equivalent proper fraction	expression representation	flow of operations		funds
	giga	hypotenuse	image points		imperfect square
	integer tiles	isometric grids	line of best fit		linear growth

	mapping rules	mega	micro		mixed number
	nano	negative integer	negative relationship		negative square root
r	no relationship	non-linear growth	non-linear shrinkage	r	non-perfect square
	non-proportional relationship	one-variable data	opposite angles		pico
r r	positive integer	positive relationship	positive square root	r	proportional relationship
	pythagorean theorem	quote	radical form		rate of change
	real number system	reciprocal	reverse operations		sample space diagrams
	scaled model	scaling	scatter plot		semi-circle
r	simple interest growth	solid curve	solid line	r	spatial interpretation
	spreadsheets	strong relationship	supplementary angle		tax implications
	tessellating tiles	tessellations	transversal		triangular grids
	trillion	two-variable data	weak relationship		zero pairs

# Vocabulary List by Grade: GRADE EIGHT Language Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Tier 1:		

Tier 2:										
	accurate		ambiguity		breadth		browse			
	controversial		consistency		credible		essay			
	lecture		promotion		relevant		reporter			
	sufficient		technicality							

Tier 3:					
	adjective phrases	anthology	campaign		clause
	critical literacy	critical thinking	cross-checking		dashes
	dramatic irony	ellipses	end-notes	r	environmental issue
	foreboding	geographical features	gimmick	r	global issue
	headline	historical personage	historical portrait		imagery
	intonation	irony	limerick		memoirs
	minor theme	narrative poem	parenthetical statement		passive voice
	reflective writing	satire	science dictionary	r	science fiction
	sentence break	sidebar	social issue		speech
	spreadsheet	stage production	subordinate conjunctions		target audience

technical terms	tree diagram	verse	website conventions

## Vocabulary List by Grade: GRADE NINE

Science

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Tier 1:									
	career		error		government		group		
	metals		odor		record		reports		

Tier 2:				
	analyze	aquatic	arrangement	bias
	brittle	calculate	communicate	discharge
	dynamic	equilibrium	extrapolate	federal
	formulate	fuse	induction	interpret
	laboratory	lenses	magnify	melting point
	numeric	organization	perform	precise
	provincial	reaction	refutation	reliability
	restoration	shoreline	stewardship	suburban
	switch	symbolic	terrestrial	texture
	trampled	uncertainty	undisturbed	universe
	versatile			

Tier 3:	Tier 3:										
	alkaline		ammeter		amperes		astronomical units				
	astrophysicist		atomic structure		atoms		big bang				
	bioaccumulation		biology		biosphere		boiling point				
	carrying capacity		cellular respiration		chemistry		collision theory				

combustibility	compounds	direct current	ecology
electrician	electrons	galaxies	geophysicist
halogen	hydrologist	hydrosphere	hypothesis
kilowatt hours	light years	lithosphere	magnetosphere
Milky Way	molecular structure	molecule	multimeter
neutrons	noble gas	ohms	overfishing
overhunting	periodic table	photosynthesis	physics
potential difference	protons	relative mass	scientific notation
scientific theory	species diversity	volts	watershed

## Vocabulary List by Grade: GRADE NINE

Mathematics

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:									
	fenced		rise		run		series		

Tier 2:	Tier 2:									
	appreciation		assumption		characteristic		constraint			
	data management		density		depreciation	r r	dispersion			
	enclose		expand		inference		limit			
	parameter		slope		sphere		survey			
	trends		trial and error							

Tier 3:	ier 3:									
	abstract reasoning		additive inverse		algebra tiles		analytic geometry			
	arithmetic sequence		balance analogy	r	box plot		coefficient			
	conceptual understanding		concrete material	r	dependent variable		direct variation			
	dynamic sketches		dynamic statistical software		equations of lines		equivalent ratios			
	exponent rule		first-degree equation		first difference		fractional coefficient			
	geoboard		geometric significance		geometry		graphing calculator			

Vocabulary - Grade Nine

graphing software	independent variable	informal process		knowledge systems
linear equations	linearity	linear relations		line segment
maximum area	minimum perimeter	motion detector		movable line
natural-number exponent	non-linearity	outlying piece	r	partial variation
perpendicular diagnosis	point-slope form	polynomial expression		power of a power rule
procedural fluency	quartile values	rational-number base		regression
restrictions on a variable	slant height	slope-intercept form		sodded
square-based prism	standard form		r r	

Curriculum-Based Spoken	Language Assessment
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## Vocabulary List by Grade: GRADE NINE

English

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:									
	motivation		preview		research				

Tier 2:	Tier 2:										
	abrupt		adopt		allusion		assonance				
	authority		characterization		coherent		comparison				
	concrete		connotation		contrast		dateline				
	dilemma		evocation		exhibit		exposition				
	extensive		flashback		foreshadow		hook				
	impression		intensive		interpretation		perseverance				
	point-form		punctuation		receptive		redraft				
	resolution		subject matter		symbolism		theme				
	unpredictability										

Tier 3:			-		
r	academic essay	antagonist		bibliography	central argument
	character development	choral reading		comma splice	complex oral text
r r	diverse cultures	dynamic character		exclamatory sentence	explosive consonant
r r	expository essay	free verse		imperative sentence	implied metaphor
r r	jigsaw method	mythological figure		narrative style	omniscient point of view

onomatopoeia		pathetic fallacy	personal anthology	persuasive language
protagonist	r r	spatial awareness	specialized vocabulary	stanza
static character		voice inflection		

# Vocabulary List by Grade: GRADE TEN Science Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Tier 1:							
	drug		medicine				

Tier 2:							
	abnormality		abstract		base		compile
	converge		degrade		differentiation		discrepancies
	diverging		illusion		manipulate		

Tier 3:								
	acid		albedo		anaphase	r r	angle of incidence	
	angle of reflection		angle of refraction		antacid		anthropogenic	
	antibacterial agent		apparent depth		arctic		arteries	
r	artilleries		axons		balanced equation		binary compound	
	binoculars		bioluminescence		biomass		biophotonics	
	cancer		capillaries		carbohydrates		carbon footprint	
r	carbon sink		cardiac cells		cell specialization		center of curvature	
	centrioles		chemical reaction		chemiluminescence		cloning	
	concave		convex		cornea		corrosion	
	cyanide		cyclones		decomposition reaction		dendrites	

deoxyribonucleic				displacement	
acid		diaphragm		reaction	dissection
electromagnetic					
spectrum		epidermal		epithelial cells	ethics
fetus		focal length		focal point	genetic disorder
geochemist		geometric		granum	greenhouse effect
heat sinks		hierarchical organization		infrared	interphase
ionic compound		iris		isotope	light-emitting diode
luminescence		medical illustrator		medical technology	meristematic
mesophyll		metaphase		meteorologist	microscopy
mirage		mitosis		molecular compound	muscle cells
nerve cells		neurons		neutral	neutralization reaction
nucleolus		objective lens		ocular lens	optical devices
optics		ozone		phloem	phosphorescence
polyatomic ion		principal axis		prophase	pupil
radius of curvature	r r	reactant		red blood cells	regeneration
geochemist		relative distance		retina	shimmer
stem cells		stomata		stratospheric	surgery
synthesis reaction		tectonics	r r	telophase	thylakoid
topography		total internal reflection		transgenic	translucent
transplant		triboluminescence		ultrasound	ultraviolet
vaccine		vascular		veins	vertex
virtual image		word equation		x-ray	xylem

Vocabulary List by Grade: GR	ADE TEN		
Mathematics	Student Name:	Date	e:

Tier 1:				

Tier 2:									
	congruence		endpoint		factoring		midpoint		
	representivity		shadows		similarity				

Tier 3:				
r	algebraic development	altitude	angle of depression	angle of elevation
	axis of symmetry	chord	common factors	complete the square
	conjecture	corresponding sides	cosine	cosine law
	cosine ratio	deductive ratio	difference of squares	factored form
	finite differences	horizontal compression	horizontal stretch	inductive reasoning
	linear systems	maximum value	method of elimination	method of substitution
	minimum value	non-real roots	parabola	primary trigonometric ratios
	quadratic equations	quadratic formula	quadratic relations	quadratics
	real roots	realistic situations	right bisectors	roots

second difference	second-degree polynomial	similar triangles	sine
sine law	stretch factor	systems of equations	tangent
trigonometry	trinomials	vertex	vertex form
vertical compression	vertical stretch	zeros	

Vocabulary List by Grade: GR	ADE TEN	
English	Student Name:	Date:

Tier 1:			

Tier 2:									
	antecedent		attentiveness		coincidence		compile		
	concise		database		deliberate		differentiate		
	hesitation		memorable		objectivity		possession		
	rationale		redundant		refrain		resonate		

Tier 3:				
r r	academic language	acronym	adjectival clause	adverbial clause
r	anaphora	argumentative essay	aside	blank verse
	character foil	character sketch	colloquial language	communicative purpose
	compound-complex sentence	concrete diction	contemporary poem	contraction
	counter-argument	couplet	demographic group	divergent opinion
	dramatic irony	dramatic monologue	emotion-laden	enunciate
	epigraph	etymological dictionary	etymology	euphemism
	explanatory title	extended metaphor	figures of speech	heroism

iambic pentameter	idiom		mainstream		mythical allusion
oxymoron	paradox		podcast		propaganda
prose	pun		quatrain		research portfolio
semicolon	shakespearean monologue		situational irony		slang words
soliloquy	sonnet	ſ	subject-verb inversion	r r	sublist
syllabication	technical terminology		tragedy		tragic flaw
tragic hero	trite expression		verbal irony		verse
visual irony	voice-over narrative				

Date: \_\_\_\_\_

Tier 1:								
	nausea		vomiting					

Tier 2:	Tier 2:									
	anatomy		class		competition		distribution			
	divergent		evolve		exhalation		family			
	flourish		generation		hybrid		inhalation			
	inherit		kidney		liver		livestock			
	mimicry		mutation		order		retention			
	stimuli		suppress		variability		viable			

Tier 3:					
	active transport	adenosine triphosphate	aerenchyma		algae
r	allele	analogous	antibiotic resistance	r	arteriosclerosis
	artificial insemination	artificial selection	ascending colon		asexual reproduction
	auxin	bile	binomial nomenclature		biochemical compound
	biogeographical	biotechnology	botanist		bronchi
	bronchioles	carcinogen	cardiac		cardiac arrest
	cellular biology	chemical digestion	chromatid		chromatin
	codominance	colitis	colon		common descent

		0.0				
	conjugation		constipation	convergent evolution		coronary
	crossing over		cystic fibrosis	descending colon		diabetes
	dialysis		diastolic	diastolic pressure	r	dichotomous keys
	dicot		diffusion gradient	dihybrid cross		diploid
	dominant		duodenum	ecologist		emphysema
	endoscopy		enzymes	epidermal tissues		eukaryotes
	evolution		external stimuli	fission		fittest
r r	fluid mosaic model		gameta	generic processes		gene therapy
	genetic drift		genetic material	genetic screening		genetic variation
	geneticist		genome	genotype		genus
	gibberellin		gradualism	haploid		hemoglobin
	hemophilia		herbicides	hereditary		heterozygous
	homologous		horticulturist	ileum		incomplete dominance
	insulin		in vitro fertilization	jejunum	r	kingdom
	larynx		lipids	macromolecules		mechanical digestion
	meiosis		metabolism	microbiology		monocot
	monohybrid cross		morphology	mycelium		nasal cavity
	natural selection		niche	nitrogen fixation		nondisjunction
	pacemaker		palisade	pancreas		pancreatic amylase
	parallel evolution		passive transport	pathogen		pepsin
	peristalsis		phage	pharmacologist		phenotype
	phylum		physiology	pistil		plasmid
	pollination		prokaryotes	protein		protein synthesis
	protists		protozoa	recessive		recombinant

regimen		reproductive mechanisms		root hair	salivary amylase
selective breeding		selective pressure		sex-linked genes	sexual selection
somatic cell		speciation		phylogeny	species diversity
specimen		sphygmomanom eter	r	spindle	spleen
spore	r	staman	r r	stethoscope	structural diversity
synapsis		systolic		systolic contractions	taxonomy
tetrad		translocation		transpiration	transverse colon
trisomy		tropism		ulcer	ultraviolet radiation
venation		ventilation		vestigial feature	viruses
zoologist		zygote			

Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:									
	hydrate								

Tier 2:								
	atmosphere		dissociation					

Tier 3:				
	acidification	activity series	actual yield	atomic mass
r	atomic radius	chemical trends	chemistry	complete combustion
	crystalline structure	degree of ionization	displacement reaction	double displacement
	effective nuclear charge	electron affinity	electronegativity	empirical formulae
	gas constant	halogen series	hydrocarbon fuel	hydrogen binding
		incomplete	International Union of Pure and Applied Chemistry	
	ideal gas	combustion	(IUPAC)	ionization energy
	limiting reagent	metal activity series	metallic oxide	molar mass
	molar volume	mole	mole concept	molecular formulae
	moles per liter	non-metallic oxide	non-polar covalent	partial pressure

Western-DHH Design Project

parts per billion	parts per million	perature	percentage composition
percentage yield	periodic trends	polar covalent	polarity
single displacement reaction	smelting	standard pressure	standard temperature
stoichiometry	strong acid	strong base	strong nuclear force
theoretical yield	titration	valence	volume percent
weak acid	weak base	weak nuclear force	

Curriculum-Based Spoken Language Assessment

# Vocabulary List by Grade: GRADE ELEVEN

#### Science - Environmental Science

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:									
	bait		fact		humus				

Tier 2:	Tier 2:									
	causality		contaminants		contemporary		efficiency			
	evidence		exotic		export		filter			
	harvest		impairments		import		inference			
	moisture		objectivity		paradigm		programmable			
	recover		succession		theory		thermostat			
	vulnerable									

Tier 3:						
	accelerated waste aeration	air pollution		alternative source		antibiotics
	bioamplification	biodiesel	r	biological filtration		biological pest control
	black earth	botanical keys	r	carbon neutral		chlorinated hydrocarbons
	compactors	companion planting		conservationist		conventional source
	crop rotation	emission		energy efficiency		EnterGuide
	environmental contaminants	enzyme digesters		fallowing	r	fiberglass
	flocculation tanks	forest canopies		forest fire		forest fire
	forestry	forest thinning		gaseous waste		gas meter

 · ·	. 0					
geothermal		grassroots	greywater		growth hormones	
grubs		hazardous household product symbols	hazardous materials		heavy metals	
hybrid cars		hybrid species	incineration		inter-planting	
inter-seeding grains		interseeding legumes	joule		landscapers	
liquid waste		longitudinal	lumber		material safety data sheet	
mobius loop		moisture meters	mulch		native species	
naturalization		nematodes	noise pollution		non-rechargeable batteries	
nuclear waste		ore	organic chemists		organic products	
overfishing		ozone depletion	particulate		pathogens	
peat moss		personal protective equipment	pesticide		plastic recycling	
pollutants		polychlorinated biphenyls	polystyrene		probes	
pyrolysis		rain gauges	rechargeable battery		retrofit	
riparian restoration		r-value	sewage		shelterwood system	
silviculture		smog advisories	snags		solar panels	
solid waste		soundproof	sterilization		tailings	
threatened species		tidal	toxic waste		vermicomposting	
vermiculite		volatile	waste management		water pollution	
watt		whale oil				

**Science - Physics** 

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:									
	string		time						

Tier 2:	Tier 2:										
	acceleration		amplitude		average		constant				
	derive		displacement		dissipate		induction				
	phase		position		range		reception				
	spring										

Tier 3:				
	acceleration due to gravity	accelerometers	airborne time	algebraic equations
	alpha particles	audible sound	beat frequency	beta particles
	coefficient of friction	collisions	constructive interference	cooling curve
	crumple zone	destructive interference	diamagnetic	electric field
	electron flow	free-body diagram	gamma rays	gravitational field strength
	gravitational potential energy	heat capacity	heating curve	horizontal components
	horizontal velocity	inertia	infrasonic sound	instantaneous
	iron fillings	kinematics	kinetic friction	latent heat

	 r	r	 · · · · · · · · · · · · · · · · · · ·
	longitudinal	magnetic	
linear motion	wave	compass	magnetic field
		magnetic	
	magnetic	resonance	
magnetic flux	levitation	imaging	maximum height
mechanical			non-uniform
waves	mixed circuits	motion graphs	linear motion
			one dimensional
normal force	nuclear fission	nuclear fusion	motion
	permanent		radioactive
paramagnetic	magnet	projectile motion	half-life
radiopharmaceut			
icals	reaction force	resonance	scalar
	specific latent		
solenoids	heat	speedometers	standing waves
	stationary	step-down	step-up
static friction	observer	transformer	transformer
			total
superposition	terminal velocity	thermal energy	displacement
transverse wave	traveling waves	tuning fork	ultrasonic sound
		vector two	
uniform linear		dimensional	
motion	vector diagrams	motion	velocity
vertical			
components	vertical velocity		

Math - Functions & Applications

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:		

Tier 2:										
	cycle		inspect		period		profit			
	relation		restrictions		revolution		sequences			
	series									

Tier 3:					
	algebraic notation	ambiguous case		amplitude	annuity
	arithmetic sequences	arithmetic series		asymptotes	compound interest
	consecutive terms	constant ratio		continuous	continuous linear function
	cooling rates	cosecant		cosine function	cosine ratio
	cotangent	decreasing interval		degree mode	discrete functions
	discrete linear function	discrete quadratic function		discriminant	domain of a function
	equivalence	equivalent algebraic expressions		expansion of binomials	exponential functions
	exponential relation	fibonacci sequence	r	financial applications	function
	function notation	future value		geometric sequences	geometric series
	horizontal asymptote	horizontal translation		increasing interval	inverse functions

inverse relation	key properties	linear functions	many-to-one mapping
mapping diagrams	maximum profit	mira	natural numbers
oblique triangles	one-to-one mapping	ordinary annuities	parameters
partially factoring	pascal's triangle	perfect square trinomials	periodic functions
periodic relationship	phase shift	physical factors	population growth
principal	pythagorean identity	quadratic functions	quotient identity
radical expressions	radioactive decay	range of a function	rational exponents
reciprocal identity	recursion formula	recursive procedure	recursive sequences
secant	simple trigonometric identities	sine ratio	sinusoidal functions
special angles	tides	trigonometric functions	unit circle
vertical asymptotes	vertical-line test	vertical translation	

Math - Foundations

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:				

Tier 2:										
	categorical		convenience		insurance		statistics			
	voluntary									

Tier 3:				
	bacterial colony	bacterial growth	bank statement	benefit plans
	bimodal distribution	break-even point	bridging loan	charitable donations
	cheques	commission	compound quarterly	credit card statement
	currency manipulatives	data management	deferred- payment loan	demerit points
	depreciation	drug absorption	exponential growth	fixed interest rate
	gratuities	gross pay	GST	line of credit
	loyalty rewards	mathematical model	measures of central tendency	miscellaneous expenses
	multiplicative decay	multiplicative growth	net pay	normal distribution
	online amortization	orthographic projections	ownership	payroll deductions
	pension plans	per annum	personal finance	profit-sharing
	PST	remuneration	remuneration methods	salary

#### Curriculum-Based Spoken Language Assessment

#### Western-DHH Design Project

semi-annually	square of a binomial	statement fees	taxation
total earnings	vacation pay		

English

Student Nan

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:							

Tier 2:				
	ambiguous	annotate	authenticity	compilation
	contradictory	coordination	crisis	criticism
	critique	drawback	endorsement	guidance
	imagery	impartiality	intention	lecture
	obscure	passage	perpetuate	plagiarism
	politician	prejudice	proficient	proximity
	rehearse	seminar	sophisticated	transition

Tier 3:					
r r	academic honesty	active voice	archetypal		audiobook
	authoritative tone	central idea	climatic order		colloquialisms
	comic monologue	constructive criticism	copyright	r r	defamatory
	deliberate	directories	excerpt	r r	extended narrative
	infomercial	investiture	lineary analysis		literary essay
	media conglomerates	monotony	moral value	r	ominous
	opinion piece	parallelism	parody		passive voice
	personal essay	persuasive essay	public forum		publicize
	readability	satirical essay	satirical intent		satirical play

Vocabulary - Grade Eleven

semantic differential scale	sitcom	social inequalities	social injustice
spiritual care	subordination	substantiate	testimony
theatrical release	thematic connections	typography	unconventional grammar
under- represented			

English: Canadian Literature Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:							

Tier 2:									
	amplify		aspect		feminism		historian		
	provoke		seminar						

Tier 3:				
	aboriginal	Canadian identity	Canadian literature	critical review
	cultural background	cultural context	cultural dialect	economic inequity
	figurative device	foreground	historical context	immigrant
	journal entry	literary criticism	marginal position	Marxism
	motifs	personal change	political background	political context
	political development	postmodern	regional bibliography	regional context
	regional dialect	regional issues	social background	social change
	social development	social inequality	synopsis	unconventional perspective

English: Media Studies

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:								
	website							

Tier 2:	Tier 2:									
	amateur		animated		audience		commentary			
	conflict		demographics		exaggeration		individualized			
	infringement		merited		negotiate		producers			
	proliferation		promotion		suspense		symbol			
	transmit									

Tier 3:					
r	advertising campaigns	alternative periodicals	audience screening		blog
	cinematography	cultural identity	demographic groups		derision
	digital	digital photography	distribution method		documentaries
	domestic source	economic implication	emotional appeal	r	ethical implication
	ethical judgment	euphemism	formulaic plot		formulaic resolution
	fragmentation	glamorization	heroic intent		hypertext
	implied message	infomercial	international source		logo
	media consumption	media coverage	media platform		navigational toolbars

overt message	podcast	record company	showcase
societal norms	stated message	studio	target audience
video documentaries	villainous intent		

English: Presentation & Speaking Skills

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:							
	body language		humour				

Tier 2:	Tier 2:								
	assumption		compensate		consequences		customize		
	debate		expectation		implication		interview		
	memorization		расе		posture		relaxation		
	repetition		report		volume				

Tier 3:	Tier 3:								
r	attention span		book discussion	r	counter- productive	r	critical assessment		
r	eye contact		facial expressions		flipchart		floor plan		
	formal context		inflections		informal context		logical fallacies		
	mnemonic device		multimedia presentation						

## Vocabulary List by Grade: GRADE TWELVE Science - Biology Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Tier 1:		

Tier 2:	Tier 2:							
	activation		deletion		hormones		inhibition	
	insertion		tolerance		transcription		translation	

Tier 3:	Tier 3:								
	acetylcholine		active site		adrenal		aerobic respiration		
	allosteric site		amino acids		anaerobic respiration		anticodon		
	ATP synthase		biochemistry		biological molecules		bioremediation		
	biotechnology		bulk transport		calvin cycle		catalytic		
	chemiosmosis		coding strand		codon		competitive inhibition		
	condensation reaction		covalent bond		cyclic phosphorylation		dark reactions		
	DNA ligase		DNA replication		DNA sequencing		electron transport chain		
	endocytosis		energy carriers		enzymes		estrogen		
	exocytosis		facilitated diffusion		feedback loop		feedback mechanisms		
	frameshift mutations		functional groups		genetic expression		genetic modification		
	glucose		glycolysis		gyrase		helicase		
	homeostasis		hydrolysis reaction		internal conditions		ionic bond		

krebs cycle	lagging strand	leading strand	light reactions
metabolic processes	microbes	missense mutation	mitochondrial disease
molecular genetics	mRNA	mutagen	negative feedback
nephron	neuromuscular disease	nitrogenous bases	non-competitive inhibition
non-cycle phosphorylation	nonsense mutation	nucleic acid	okazaki fragment
oxidative phosphorylation	parasitic relationship	parathyroid	pharmaceutical
phospholipid bilayer	photolysis	pituitary	point mutation
polymerase I	polymerase II	polymerase III	polymerization
population cycle	population dynamics	population growth	positive feedback
progesterone	proton pump	reaction rate	redox reaction
restriction enzyme	ribonucleic acid	ribosome subunits	rRNA
sigmoid	silent mutation	simple diffusion	steroids
substrate	substrate level phosphorylation	substrate enzyme complex	symbiotic
synapse	template strand	testosterone	thermodynamics
thermoregulation	thyroid	triglyceride	

## Vocabulary List by Grade: GRADE TWELVE Science - Chemistry Student Name: \_\_\_\_\_\_

Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:		

Tier 2:								
	buffer		reduction		shell		spontaneity	
	thermometer							

Tier 3:				
	activation energy	addition reaction	alcohol	aldehyde
	alkane	alkene	alkyne	amide
	amine	anode	aromatic compound	avogadro's number
	biocatalysts	burette	calorimeter	calorimetry
	carboxylic acid	cathone	cell potential	centrifuge
	chemical behavior	chemical equilibrium	closed system	dipole
	dynamic equilibrium	electrochemical cell	electrochemistry	electrode polarity
	electrolyte	electron configuration	elementary steps	elimination reaction
	endothermic	energy level	enthalpy	entropy
	equilibrium concentration	equilibrium constant	ester	esterification
	ether	exothermic	galvanic cell	galvanizing
	gibbs free energy	half-cell	half-reaction	hydronium
	hydroxide	intermolecular	intramolecular	ionizing constant
	isolated system	ketone	magnetic spin	mass spectrometry

melting point suppression	metallic substances	molar concentration	molar solubility
molecular shape	nanotechnology	open system	orbital
organic compounds	organic chemical reactions	organic chemistry	oxidation
oxidation number	oxidizing agent	ozone layer	photon
рОН	polymer	polymerization	potential energy
radioisotopes	reaction mechanism	reaction quotient	reducing agent
reversible reaction	saturated hydrocarbon	solubility constant	specific heat capacity
streptoscope	spectroscopy	standard enthalpy of formation	standard reduction potentials
standard reference	stereoisomer	structural formulae	structural isomer
sub-orbital	subshell	substitution reaction	superconductor
thermochemical equation	thermochemistry	transition state	unsaturated hydrocarbon
Van der Waals Force	VSPER		

#### Vocabulary List by Grade: GRADE TWELVE Science - Earth and Space Science Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:		

Tier 2:								
	altitude		evaporate		fracture		frequency	
	geological		half-life		irregular		mould	
	period		preservation		replacement		robotics	
	speculative		spiral		streak		underpinnings	

Tier 3:				
	absolute magnitude	accretion	andesite	angiosperms
	aphelion	apogee	aquifer	arcturus
	asteroid belt	astronomy	azimuth	barred spiral
	basal slip	benioff zone	black holes	brachiopods
	calcite	carbon dating	carboniferous period	carbonization
	cast formations	catastrophism	celestial equator	cementation
	cepheid variables	cleavage	compression forces	continental drift
	cosmic	cosmic ray	craters	crinoids
	cross-cutting	devonian period	doppler effect	dwarf planets
	eccentricity	ecliptic	electromagnetic radiation	elliptical
	epoch	era	faults	foliation
	geocentric	geodesy	geosynchronous	geothermal vents
	ground base	gymnosperms	heliocentric	heliopause
	hot spot	index fossil	internal plastic flow	interstellar dust

isostasy	kuiper belt	liquification	lithification
lithostratigraphy	luminosity	microsurgery	mid-oceanic ridge
milankovitch cycles	oort cloud	orbital debris	orbital telescopes
orbital velocity	paleomagnetism	paleontologist	paleozoic
parabolic dishes	paradigm shifts	parallax method	parent isotope
particle accelerator	peak wavelength	peculiar	perigee
perihelion	permeability	permineralization	planetarium curator
planetary motion	planetary nebula	planetary rings	planetary science
porosity	proterozoic	protostar	pulsars
quartz	quasars	radio telescopes	radioactive decay
radiometric dating	riget	right ascension	right declination
robotic arm	scattered disc	shear forces	sirius
solar nebular	solar wind	space probes	spacecraft technologies
spectral absorption lines	spectrographs	static interference	stellar parallax
stromatolites	superposition	surface temperature	surficial process
terrestrial inner planets	trilobites	uniformitarianis m	weathering
white dwarf			

### Vocabulary List by Grade: GRADE TWELVE Science - Physics Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:		

Tier 2:									
	dynamics		elapsed time		impulse		laser		
	momentum		relativity						

Tier 3:				
	air wedges	antinode	apparent force	archery
	centrifugal	centripetal	centripetal acceleration	centripetal force
	change in momentum- impulse theorem	circular motion	completely inelastic collision	compton effect
	conservation of momentum	cosmic ray muons	damped harmonic motion	De Broglie's matter waves
	dynamic pressure	elastic collision	elastic potential energy	electric motor
	electromagnet	exchange particles	field lines	field particles
	frame of reference	hadrons	holographic	inclined plane
	index of refraction	inelastic collision	inertial frame of reference	laminar flow
	mass-energy transformation	matter waves	motion carts	motor principle
	net force	neutrino	nodal line	node
	non-inertial frame of reference	pair creation	parallel plate	photoelectric effect

point charge	positron emission tomography	quantum mechanics	quantum theory
quarks	radius of orbit	radius speed	relativistic motion
ripple tank	rotating frame	simple harmonic motion	simple hydraulic circuit
simple pneumatic circuit	slit	special relativity	straight line conductors
static pressure	thin-film interference	time dilation	trebuchet
turbulent flow	uniform circular motion	uniform magnetic field	venturi tube
wave interference	winch	work output	work-energy theorem

# Vocabulary List by Grade: GRADE TWELVE Science - General Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student.

Tier 1:		

Tier 2:	Tier 2:									
	adopt		airborne		biofeedback		body temperature			
	fats		hygiene		public health		replication			
	route of entry		scaffolding		serving size		strain			
	theoretical									

Tier 3:				
	acupuncture	amylase	anorexia	antiretrovirals
	appendix	aseptic techniques	biochemical indicator	biohazardous
	biomedical repair	biopesticides	blood pressure	blood sugar
	body mass	bolus	bulimia	calorie
	chemotherapy	chiropractic	cholesterol	chyme
	circuit breaker	communicable	controlled product	decibel meter
	designated substance regulation (DSR)	diagnostic technologies	disinfection	emulsification
	encephalitis	epidemiology	epiglottis	essential amino acid
	exposure values	food additive	food-borne illness	gel electrophoresis
	homeopathy	hybridization	hydrochloric acid	hydrogenated
	immune response	immunization	indicator solution	infectious cycle

infectious material	injection	inorganic	insect-borne
insecticides	intravenous	irradiation	kilojoule
lung capacity	lysogenic cycle	lytic cycle	malaria
micromolecules	mineral solvents	miscible	naturopathic
non-communicable	nutritional science	occupational exposure limits (OEL)	oxidizers
pandemic	pasteurization	pathogenesis	penicillin
personal protective equipment (PPE)	pH meter	pH paper	pH scale
physiological indicator	phytoremediation	preservative	qualitative test
quarantine	reproductive technologies	respiration rate	respirometer
sanitation	scientific literacy	sexually transmitted	short circuit
spot plates	starch	sterilization	sulfa
sulfites	telesurgery	trans fat	vaccination
vitamin	water-borne	xenotransplantatior	

# Vocabulary List by Grade: GRADE TWELVE Math-Functions Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:				
	speed			

Tier 2:								
	acceleration							

Tier 3:	Tier 3:						
	absolute value inequalities		angular velocity		average rate of change		combining functions
	common base		common factoring		composition of functions		compound angles
	cubic functions		decelerate		difference of cubes		difference of squares
	double angles		end behavior		equivalent trigonometric functions		even function
	exponentiation		factor theorem		family of functions		infection rates
	inflation rates		instantaneous rate of change		linear inequalities		linear trigonometric equations
	logarithm		logarithmic equations		logarithmic laws		logarithmic functions
	odd function		piecewise functions		polynomial equations		polynomial functions
	polynomial inequalities		quadratic trigonometric equations		quartic functions		radian

rational functions	reciprocal function	reciprocal trigonometric ratios	remainder theorem
simple rational inequalities	standard algebraic techniques	subtends	sum of cubes
sum of squares	systematic trial	trigonometric equations	trinomial factoring
velocity			

## Vocabulary List by Grade: GRADE TWELVE Math- Calculus and Vectors Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Select (check off) 10-12 vocabulary items from below to target with the student

Tier 1:		

Tier 2:									
	differentiate		force		projection		proof		

Tier 3:				
	absolute maxima	absolute minima	acceleration-tim e graph	average acceleration
	average velocity	calculus	cartesian form	chain rule
	change of variables	coincident	collinear	concave down
	concave up	concavity	constant multiple rule	constant rule
	continuously differentiable	critical point	cross product	curve sketching
	derivative test	derivatives	difference rule	differentiation rules
	discontinuity	displacement- time graph	dot product	equal vectors
	Euler's number	extreme value theorem	first derivative	first derivative test
	fundamental theorem of calculus	geometric configuration	ground speed	higher-order derivatives
	instantaneous acceleration	instantaneous velocity	intervals of concavity	jump discontinuity

Benninger, Archibald and the DHH Team (2022-2024)

L'Hospital's rule	Leibniz's rule	limit of a function	linear algebra
local maxima	local minima	logarithmic differentiation	monomial functions
natural Iogarithm	non-collinear	normal lines	one-sided limit
orthogonal vectors	parallelepiped	parametric equations	planes
point of tangency	points of inflection	polar coordinates	power rule
product rule	radical functions	rates of flow	ratio test
removable discontinuity	resultant	scalar	scalar equations
scalar multiples	scalar multiplication	scalar product	second derivative
second derivative test	skew lines	slope of the tangent	smooth function
successive terms	sum rule	third derivative	three-space
torque	two-space	vector	vector addition
vector equations	vector multiplication	vector product	vector subtraction

#### Vocabulary List by Grade: GRADE TWELVE Math- Data Management Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:		

Tier 2:								
	compile		complementary		satisfaction		simulate	
	uncertainties		variance					

Tier 3:	Tier 3:									
	actuary		additive counting principle		advertising industry		aggregate data			
	algebraic summaries		authoritative		binomial probability distribution		boxplots			
	business analyst		categorical data		constructive critique		contingency tables			
	continuous frequency distributions		continuous probability distributions		continuous random variable		continuous sample space			
	control in experimental studies		correlation coefficient		counting principles		culminating			
	culture bias		dependent trials		discrete probability distributions		discrete random variable			
	discrete sample spaces		ethical study		expected value		experimental data			

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			probability	weighted mean
			z-score	

# Vocabulary List by Grade: GRADE TWELVE Math- General Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:		

Tier 2:									
	accommodation		depth		puncture		utilities		

Tier 3:				
	amortization table	amortized	annual inflation rate	antenna
	cause-and- effect relationship	central angles	circle properties	circular cover plates
	circular ring	clinometer	closed mortgage	computer algebra systems
	condominium	constant percentage decrease	constant percentage increase	core temperature
	dependants	directed line segment	discretionary	equal initial deposits
	equal intervals	exact values	exponential equations	favourable outcome
	fixed rate	general population statistics	general statement	graduated cylinder
	horizontal components	human services	inscribed angle of circles	key features
	key properties	kilopascals	landlord	leading coefficient

logarithmic form	minority groups	mortgage brokering		negative correlation
negative integral exponent	negative regions	non- discretionary		open mortgage
optional dimensions	periodic functions	periodic phenomena		polynomial expression
positive correlation	positive regions	radians mode		rational exponents
renting accommodation	resolving vectors	RESP		resultant force
RRIF	RRSP	secant lines		sectors
simple exponential equations	simple logarithmic expressions	sine function		skilled trades
slider	structural design	T4 slip		tax credits
tenant	tuition fees	variable-rate mortgage		vector models
vertical components			r	

#### Vocabulary List by Grade: GRADE TWELVE English Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:		

Tier 2:								
	advocate		attire		beliefs		catchphrase	
	confer		consensus		discrepancy		illuminate	
	inquiry		justify		refute		subtext	
	transparent							

Tier 3:				
	allusion	analytical essay	antithesis	archetype
	climatic order	coincide	contemporary synonym	convivial tone
	critical essay	cultural bias	deconstruct	deliberations
	dissent	divergent thinking	ellipses	gender bias
	historical allusion	impersonate	juxtaposition	literary allusion
	literary theory	logical sequence	moral evolution	motivational speech
	nuance	pathos	personal evolution	preconception
	prospective	recur	research paper	rhetorical pattern
	secondary theme	speaker's bias	subdued	syntax
	supplementary material	text construction		

## Vocabulary List by Grade: GRADE TWELVE English - Studies in Literature Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:		

Tier 2:							
	annotate		attitude		attributable		background
	controversy		critic		cultures		exemplify
	social class		validity				

Tier 3:				
	author's position	commentator	conscious motivation	critical approach
	critical interpretation	critical lens	critical response	critical review
	dominant perspective	dramatic presentation	enact	essayist
	familial expectations	figurative allusion	flash forward	graphic recording
	imaginative growth	intellectual growth	journal entry	literacy approach
	literary concepts	literary criticism	literary movement	literary period
	literary reference	literary terms	major importance	marginalized characters
	marginalized voices	minor importance	moral dilemma	persona
	political rhetoric	pre-title	problematic	prologue

recurrent theme	reflective journal	revelation	scrapbook
sexual identity	short excerpt	social convention	subconscious motivation
supernatural	syntactic construction	thematic category	time period
title sequence			

# Vocabulary List by Grade: GRADE TWELVE English - Writer's Craft Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:		

Tier 2:							
	assessment		negotiate		qualification		revision
	script						

Tier 3:					
	active voice	amateur writer	censorship		coherent
	cohesive	contemporary writer	creative writing		cultural perspective
	demean	dialect English	dramatic conflict	r	experimental plot
	expository text	expository writing	fictional depiction		freelance journalist
	geographical perspective	grammatical error	humorous tone		interior monologue
	interplay	ironic approach	journalism		journalist
	manuscript	memoir	narrative structure		non-standard English
	novelist	opening monologue	passive voice		personal essay
	personal narrative	portfolio	professional writer		rapid writing
	roadblock	satirical approach	summative conference		surrealist poetry
	technical writing	vignette			

#### Vocabulary List by Grade: GRADE TWELVE English - Business & Technological Communication Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Tier 1:		

Tier 2:	Tier 2:								
	application		business		conference		document		
	draft		expertise		informative		inspirational		
	manager		policy		representative		retailer		
	survey		technician		workplace				

Tier 3:							
	animation		appendices		apprenticeship		boldface
	business letter		business presentation		cellular technology		consumers
	core message		corporate		ecological footprint		employment
	entrepreneur		ethical issue		etiquette		instructional manual
	instructional video		insurance		investment		legal issue
	legislation		patent infringement		pictograms		questionnaire
	sales pitch		self-assessment		shareholders		succinct
	technological communications						

### Western-DHH Curriculum-Based Spoken Language Assessment Tool Vocabulary References

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