

Bug Club Morphology: Kit B Scope & Sequence

Card	Title (Topic)	Focus Morpheme(s)	Meaning(s)	Vocabulary			Spelling Convention(s)	Additional Prefix(es) / Suffix(es)	STEAM Focus	Text Type(s)/Form
B1	My Drum Story (making a drum)	-ful Suffix	- full of	joyful grateful respectful	wasteful beautiful powerful	meaningful thankful	<ul style="list-style-type: none"> for words ending in a consonant and a y, change the y to i and add <i>-ful</i> for words ending in a vowel and a y, retain the y and add <i>-ful</i> 	-or (suffix; "one who")	Science, Art	Personal Recount
B2	Razi the Goose (the migration of geese)	-y suffix	- full of, characterized by	windy sunny shiny	noisy icy scary	stormy cloudy	<ul style="list-style-type: none"> for one-syllable words ending in one vowel and one consonant, double the consonant before adding <i>-y</i> for words ending in a silent e, replace e with <i>-y</i> 		Science, Engineering	First-Person Narration; Map
B3	Elephant Toothpaste (chemical reactions)	act root	- to do or move	activity reaction unreacted	interact interaction proactive	exact actually		ex- (prefix; "thoroughly or out") pro- (prefix; "before; in front") un- (prefix; "not") -ion (suffix; "the result of")	Science	Procedural Text: Experiment
B4	Small but Mighty (scientific inventions)	micro- prefix	- small	microscope microscopes microscopic	microbiology microbiologist microchip	microphone microwave		-ist (suffix; "one who, one who practises") -logy (suffix; "the study of")	Science, Technology	Informational Text with Diagram
B5	What's in a Number?	uni-, bi-, du-, tri-, mono-, di-, tri- prefixes	(numeric correlations)	unicorn binoculars duet	triangle monotone	dilemma triathlon		additional numeric prefixes	Math	Informational Text
B6	Get Moving! (review B1-B5): -ful, -y, act, micro-, uni-, bi-, du-, tri-, mono-, di-, tri- (-ive)									
B7	Across the Way (polygons and diagonals)	dia- prefix	- through; across	dialogue diagram	diagonal diagonals	diagonally diameter		-poly (prefix; "many")	Math	Informational Text with Diagrams
B8	The Perfect Photo	photo, phon (phone) roots	<i>photo</i> : light <i>phon (phone)</i> : sound; voice	photograph photography photographers	telephoto photosynthesis symphony	saxophone phone		sym- (prefix; "together") tele- (prefix; "at a distance") xylo- (prefix; "of wood")	Science, Technology	Informational Text with Diagram
B9	Waste in Our World	-able, -ible suffixes	- able to, worthy of	biodegradable compostable preventable	comparable edible incredible	possible responsible	<ul style="list-style-type: none"> for words ending in one consonant, double the consonant before adding <i>-able</i> for words ending in silent e, replace e with <i>-able</i> 	de- (prefix; "down")	Science	Informational Text with Cycle Diagram
B10	A Sense of Belonging (Indigenous Friendship Centre)	-ship suffix	- state or condition of	friendship membership mentorship	partnerships sponsorship leadership	relationships citizenship			Art	Informational Text Q&A Format
B11	Textile Art	multi- prefix	- many	multifunctional multitalented multilayered	multicoloured multiple multiply	multiplication multitask			Art, Math	Informational Text
B12	A Sound Invention (review B7-B11): dia-, photo, phon (phone), -able, -ible, -ship, multi- (fore-)									

Bug Club Morphology: Kit B Scope & Sequence

Card	Title (Topic)	Focus Morpheme(s)	Meaning(s)	Vocabulary			Spelling Convention(s)	Additional Prefix(es) / Suffix(es)	STEAM Focus	Text Type(s)/Form
B13	All Thanks to Engineers!	spect root	- to look at or observe	spectator spectacular perspective	inspector inspection spectacles	expect respect		-ism (suffix; "the act of or the state of")	Engineering	Informational Text
B14	A <i>Berry</i> Important Job (farming)	over-, under- prefixes	over- : above; more than enough; too much under- : below; less; not enough	overstated overjoyed overriding	overtime undertaught underpinnings	underestimated underlying			Science	Informational Text with Cycle Diagram
B15	Wildlife Crossings (wildlife protection and conservation)	-ion suffix	- the act of; the state of; the result of	population frustration solution	construction inspiration migration	conservation pollution		over- (prefix; "over, above") under- (prefix; "under, below")	Science, Engineering	News Article
B16	The Spring Equinox	equ root	- the same; equal	equal unequal equally	equate equivalent equinox	equator adequate		mid- (prefix; "the middle part of") un- (prefix; "not")	Science, Math	Informational Text
B17	Interconnected (the internet)	inter- prefix	- among; between	internet international internationally	interconnected interact interview	interrupted interception		intra- (prefix; "within")	Science, Technology	Informational Text with Biographical Profile
B18	Inspiration on the Field (review B13-B17): <i>spect, over-, under-, -ion, equ, inter-</i> (post-)									