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Hands-On Lab Kits







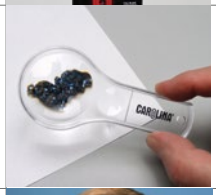
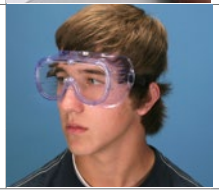
GRADE 6

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Grade 6

Essential Kit

ISBN: 978-1-78916-482-4

	Plastic spray bottle 4 ☐		Small bucket 8 ☐		Flashlight with batteries 8 ☐
	Scale (500 g capacity) 2 ☐		Thermometers, pack of 2 8 ☐		Stopwatch 16 ☐
	8oz plastic measuring cup 8 ☐		Digital thermometer 6 ☐		Utility knife 1 ☐
	Heat lamp with bulb 8 ☐		Pair of dissecting forceps 32 ☐		Magnifying glasses 30 ☐
	Scalpel 1 ☐		Pairs of safety goggles (student size), pack of 10 3 ☐		Pair of safety goggles (adult size) 1 ☐
	16oz plastic container 25 ☐				

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Grade 6

Essential Kit Items by Lesson

Module	1*	2*																	3*	4*		
Driving Question	1	2				3						4							2	1	2	
Lessons	3	2	5	6	12	1	2	3	5	6	9	1	2	3	4	5	6	7	1	5	3	9
4 plastic spray bottles	✔																					
8 small buckets	✔		✔	✔																		
8 flashlights with batteries					✔																	
2 500 g capacity scales		✔	✔	✔					✔	✔												✔
16 thermometers		✔	✔	✔								✔	✔	✔	✔	✔	✔	✔				
16 stopwatches		✔	✔	✔		✔	✔	✔	✔	✔										✔	✔	
8 8oz plastic measuring cups		✔																				
25 16oz plastic containers			✔	✔																		✔
1 utility knife						✔	✔	✔														
6 digital thermometers						✔	✔	✔	✔	✔	✔										✔	
8 heat lamps with bulbs			✔	✔		✔	✔	✔	✔	✔											✔	
32 pairs of dissecting forceps																			✔			
30 magnifying glasses																			✔			
1 scalpel																			✔			
30 pairs of safety goggles (student size)																				✔		✔
1 pair of safety goggles (adult size)																				✔		✔

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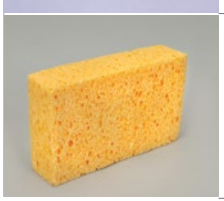
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Grade 6 Module 1 Biotech Systems Worldwide

Module Lab Kit

ISBN: 978-1-78916-483-1

	Small envelope 10 ☐		Set of Living and Non-Living Cards 9 ☐		Cardboard sheets, pack of 8 3 ☐
	Lengths of tubing, three sizes (1/8", 1/4" and 1/2") 3 ☐		Jumbo craft sticks, pack of 80 2 ☐		Biodegradable plastic bags, pack of 10 1 ☐
	Straws, pack of 100 2 ☐		Roll of duct tape 2 ☐		Twist ties, pack of 35 4 ☐
	Polystyrene balls, pack of 12 1 ☐		Roll of string 3 ☐		Rubber bands, size #60, pack of 100 2 ☐
	Write-on labels, pack of 30 1 ☐		Roll of masking tape 3 ☐		Regular craft sticks, pack of 250 1 ☐
	Chopsticks, pack of 8 5 ☐		Food coloring, pack of 4 1 ☐		Coffee filters, pack of 40 1 ☐
	Brown paper bags, pack of 16 1 ☐		Multi-colored beads, pack of 480 1 ☐		Balloons, pack of 12 1 ☐
	Sponge 1 ☐		Modeling clay, 1lb pack 2 ☐		Regular envelopes, pack of 16 1 ☐

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Grade 6 Module 1 Biotech Systems Worldwide

Module Lab Kit

ISBN: 978-1-78916-483-1

	Index cards, pack of 100 1 ☐		Paper clips, pack of 100 2 ☐		Packs of colored dot stickers 3 ☐
	Set of Icebreaker Cards 1 ☐		Marbles, pack of 16 2 ☐		Cardboard box 9 ☐
	Cardboard tubes, pack of 16 1 ☐		Metal washers, pack of 156 1 ☐		

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Grade 6 Module 1 Biotech Systems Worldwide

Kit Items by Lesson

Driving Question	3-D Team Challenge: What's in the Box?					1				3	4		
Lessons	1	2	4	5	6	3	6	9	12	2	2	3	4
12 balloons								✔					
16 cardboard tubes		✔	✔										
2lb modeling clay											✔	✔	✔
1 sponge						✔							
1 pack of polystyrene balls		✔											
1 pack of beads				✔		✔							
3 packs of dot stickers		✔	✔	✔	✔								
100 index cards							✔						
200 paper clips											✔	✔	✔
16 brown paper bags						✔							
40 coffee filters									✔				
4 food colorings						✔			✔				
1 pack of metal washers		✔											
80 chopsticks											✔	✔	✔
250 regular craft sticks											✔	✔	✔
3 rolls of masking tape						✔					✔	✔	✔
30 write-on labels						✔							
32 marbles		✔		✔									
16 regular envelopes						✔							
200 rubber bands								✔	✔		✔	✔	✔
3 rolls of string							✔				✔	✔	✔
200 straws											✔	✔	✔
140 twist ties											✔	✔	✔
2 rolls of duct tape								✔			✔	✔	✔
8/16 cardboard sheets		✔											
3 lengths of plastic tubing								✔			✔	✔	✔
10 biodegradable bags						✔							
160 jumbo craft sticks											✔	✔	✔
9 sets of Living and Non-Living Cards										✔			
1 set of Icebreaker Cards	✔												
9 cardboard boxes		✔											
10 small envelopes						✔							

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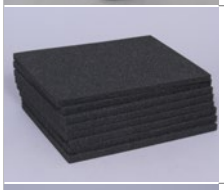
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Grade 6 Module 2 Destination Everywhere!

Module Lab Kit

ISBN: 978-1-78916-484-8

	Balloons, pack of 24 1 ☐		Box of safety matches 1 ☐		Graph paper, pack of 20 1 ☐
	Cardboard sheets, pack of 8 1 ☐		Pony beads, pack of 720 1 ☐		Sand, 5lb bag 2 ☐
	Bottle of blue food coloring 1 ☐		Bottle of red food coloring 1 ☐		Resealable plastic bags, pack of 16 1 ☐
	Blue tissue paper, pack of 8 sheets 1 ☐		Rubber bands, size #16, pack of 15 1 ☐		Brown modeling clay, 1lb pack 2 ☐
	Roll of duct tape 1 ☐		Acetate sheets, pack of 16 1 ☐		Cardboard box 6 ☐
	Foam pads, pack of 8 2 ☐		Polystyrene pads, pack of 12 2 ☐		Bubble wrap, pack of 12 2 ☐
	Roll of aluminum foil 1 ☐		Red clay, 8lb bucket 1 ☐		Small corks, pack of 100 5 ☐
	Clear plastic tank 1 ☐		Plastic cups, 10oz, pack of 30 1 ☐		Clear plastic jar, 8oz 24 ☐
	Compass 1 ☐				

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Grade 6 Module 2 Destination Everywhere!

Kit Items by Lesson

Driving Question	2							3						4						
Lessons	2	3	5	6	7	10	12	1	2	3	5	6	9	1	2	3	4	5	6	7
1 pack of pony beads							✔				✔	✔	✔							
2lb brown modeling clay								✔												
1 pack of graph paper							✔													
5 packs of small corks											✔	✔	✔							
24 clear plastic 8oz jars		✔			✔	✔														
1 compass															✔	✔	✔	✔	✔	✔
1 bottle of red food coloring					✔	✔														
1 bottle of blue food coloring					✔	✔												✔		
2 packs of bubble wrap										✔								✔		
30 10oz plastic cups	✔		✔	✔							✔	✔								
8lb red clay											✔	✔	✔							
15 rubber bands					✔															
1 roll of aluminium foil										✔										
1 box of safety matches	✔																			
2 5lb bags of sand			✔	✔																
16 resealable plastic bags					✔															
1 pack of balloons	✔				✔															
2 packs of foam pads									✔											
1 roll of duct tape								✔												
2 packs of polystyrene pads										✔										
8 cardboard sheets							✔													
1 clear plastic tank																		✔		
16 acetate sheets								✔												
6 cardboard boxes								✔												
1 pack of tissue paper					✔															

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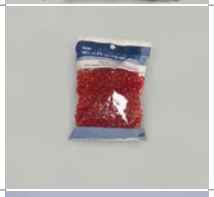
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Grade 6 Module 3 The Red List

Module Lab Kit

ISBN: 978-1-78916-485-5

	Opaque green pony beads, pack of 480 1 ☐		Opaque yellow pony beads, pack of 480 1 ☐		Opaque blue pony beads, pack of 480 1 ☐
	Opaque red pony beads, pack of 480 1 ☐		Translucent green pony beads, pack of 480 1 ☐		Translucent yellow pony beads, pack of 480 1 ☐
	Translucent blue pony beads, pack of 480 1 ☐		Translucent red pony beads, pack of 480 1 ☐		Red tissue paper, pack of 8 2 ☐
	Yellow tissue paper, pack of 8 2 ☐		Craft sticks, pack of 250 1 ☐		Pipe cleaners, pack of 100 2 ☐
	Set of Endangered Species Cards 8 ☐		Paper plates 30 ☐		Non-latex gloves, box of 100 1 ☐
	Toothpicks, box of 250 1 ☐				

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Grade 6 Module 3 The Red List

Kit Items by Lesson

Driving Question	2					4
Lessons	1	3	4	6	7	1
1 box of non-latex gloves	✔					
1 box of toothpicks	✔					
250 craft sticks				✔	✔	
200 pipe cleaners			✔	✔	✔	
30 paper plates	✔					
2 packs of red tissue paper				✔	✔	
2 packs of yellow tissue paper				✔	✔	
1 pack of opaque green pony beads			✔			
1 pack of translucent green pony beads			✔			
1 pack of opaque yellow pony beads			✔			
1 pack of translucent yellow pony beads			✔			
1 pack of opaque red pony beads			✔			
1 pack of translucent red pony beads			✔			
1 pack of opaque blue pony beads		✔	✔			
1 pack of translucent blue pony beads		✔	✔			
8 sets of Endangered Species Cards						✔

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Grade 6 Module 4 Cities of the Future

Module Lab Kit

ISBN: 978-1-78916-486-2

	LaMotte® TesTab® Phosphate Kit 1 ☐		LaMotte® Phosph. additional color chart cards, pack of 8 1 ☐		Water samples (0.5PPM, 1PPM, 3PPM, and 4PPM) 4 ☐
	Plastic test tubes 40 ☐		Set of Greenhouse Gas Cards 9 ☐		Resealable plastic bags, pack of 16 1 ☐
	Brown modeling clay, 1lb pack 4 ☐		Bottle of blue food dye 1 ☐		Pipettes, 3 mL, pack of 8 1 ☐
	Roll of plastic wrap 1 ☐		Set of A–E labels 1 ☐		Non-latex gloves, box of 100 1 ☐
	Index cards, pack of 100 2 ☐		Bottle of distilled water 1 ☐		

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Grade 6 Module 4 Cities of the Future

Kit Items by Lesson

Driving Question	1		2			4
Lessons	2	5	3	4	9	9
1 pack of pipettes		✔				
1 bottle distilled water		✔				
4lb modeling clay					✔	
Phosphate Kit + additional color charts		✔				
40 plastic test tubes		✔				
1 box of non-latex gloves		✔				
1 bottle of blue food dye					✔	
16 resealable plastic bags					✔	
200 index cards	✔					✔
1 roll of plastic wrap			✔			
1 set of A–E labels		✔				
4 water samples, various phosphate levels		✔				
9 sets of Greenhouse Gas Cards				✔		

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