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Hands-On Lab Kits: The Basics







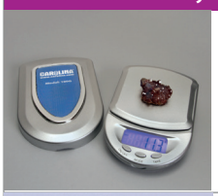
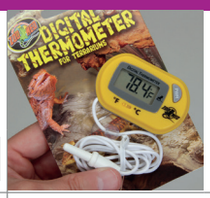
GRADE 6

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Grade 6

The Basics Kit

These items may be needed in multiple modules.

	Scale (500 g capacity) 2 ☐		Digital thermometer 6 ☐		Heat lamp with bulb 8 ☐
	16 oz plastic container 25 ☐				

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Grade 6

Kit Items by Fast Track Lesson

Module	2*						4*	
Driving Question	2		3				1	2
Fast Track Lessons	3	7	1	2	3	4	3	2
2 500 g capacity scales	✔				✔	✔		
25 16 oz plastic containers	✔							
6 digital thermometers			✔		✔	✔		✔
8 heat lamps with bulbs	✔		✔	✔	✔	✔		✔

*Modules:
1 BioTech Systems Worldwide
2 Destination Everywhere!
3 The Red List
4 Cities of the Future

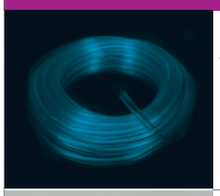
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Grade 6 Module 1: Biotech Systems Worldwide

The Basics Kit

	Lengths of tubing, three sizes (1/8 in., 1/4 in., and 1/2 in.) 3 ☐		Roll of string 3 ☐		Chopsticks, pack of 8 10 ☐
	Modeling clay, 1 lb pack 2 ☐				

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Kit Items by Fast Track Lesson

Driving Question	1		4	
Fast Track Lessons	2	4	1	2
2 lb modeling clay			✔	✔
80 chopsticks			✔	✔
3 rolls of string	✔		✔	✔
3 lengths of plastic tubing			✔	✔

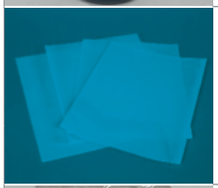
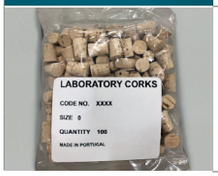
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Grade 6 Module 2: Destination Everywhere!

The Basics Kit

	Cardboard sheets, pack of 8 1 ☐		Pony beads, pack of 720 1 ☐		Sand, 5 lb bag 2 ☐
	Bottle of blue food coloring 1 ☐		Bottle of red food coloring 1 ☐		Brown modeling clay, 1 lb pack 2 ☐
	Acetate sheets, pack of 16 1 ☐		Cardboard box 6 ☐		Red clay, 8 lb bucket 1 ☐
	Small corks, pack of 100 5 ☐		Clear plastic tank 1 ☐		

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Grade 6 Module 2: Destination Everywhere!

Kit Items by Fast Track Lesson

Driving Question	2				3			4
Fast Track Lessons	1	3	4	7	1	3	4	3
1 pack of pony beads				✔		✔	✔	
2 lb brown modeling clay								
5 packs of small corks						✔	✔	
1 bottle of red food coloring								✔
1 bottle of blue food coloring								✔
2 5 lb bags of sand		✔						
8 cardboard sheets				✔				
1 clear plastic tank								✔
16 acetate sheets					✔			
6 cardboard boxes					✔			
8 lb bucket of red clay						✔		

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Grade 6 Module 3: The Red List

The Basics Kit

	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 ☐		

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Grade 6 Module 3: The Red List

Kit Items by Fast Track Lesson

Driving Question	2		4
Fast Track Lessons	2	6	1
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	✔		

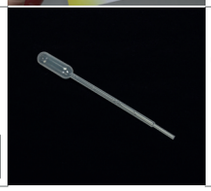
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Grade 6 Module 4: Cities of the Future

The Basics Kit

	LaMotte® TesTab® Phosphate Kit 1 ☐		LaMotte® Phosph. additional color chart cards, pack of 8 1 ☐		Water samples (0.5 ppm,. 1 ppm, 3 ppm, and 4 ppm) 4 ☐
	Plastic test tubes 40 ☐		Pipettes, 3 mL, pack of 8 1 ☐		Set of A–E labels 1 ☐

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Grade 6 Module 4: Cities of the Future

Kit Items by Fast Track Lesson

Driving Question	1		2	
Fast Track Lessons	1	3	2	3
1 pack of pipettes		✔		
Phosphate Kit + additional color charts		✔		
40 plastic test tubes		✔		
1 set of A–E labels		✔		
4 water samples, various phosphate levels		✔		

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