Grade 2 Teacher-Sourced Kit Items

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Module 1: My Journey West

Items	Driving Question	Lesson
Red and green crayons	3-D Team Challenge	3
Red and green pencils or markers	3-D Team Challenge	3
Paintbrushes or stir sticks	3-D Team Challenge	3
Bowls for mixing paint	3-D Team Challenge	3
Additional red and green materials	3-D Team Challenge	3
Smocks and newspaper	3-D Team Challenge	3
White paper	3-D Team Challenge	3
	3-D Team Challenge	4
	3-D Team Challenge	5
	3-D Team Challenge	6
	3-D Team Challenge	7
Object to pass around (e.g., book, ball)	3-D Team Challenge	5
Camera (phone, tablet, etc.)	1	1
	1	5
	2	1
	4	4
Small ball **(Optional)**	1	3
Small balls or bottles/cups of water **(Optional)**	1	3
Mini whiteboards **(Optional)**	1	4
Paper	1	5
Clear tape	1	5
Materials to support clay landforms (e.g., blocks, paper cups) **(Optional)**	1	5
Large maps	1	7
Examples of land/physical maps **(Optional)**	1	9
Bottles of water	2	1
Spray bottle (for each pair) **(Optional)**	2	1
Glass of water **(Optional)**	2	2
Handful of soil **(Optional)**	2	2
Computer or tablet (for each pair)	2	3
	2	10
	4	1
Timer, bell, or buzzer **(Optional)**	2	5
Food coloring **(Optional)**	2	7
Ice chest, or access to a freezer during the lesson	2	7
Poster paper	2	8

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Module 1: My Journey West		
Items	**Driving Question**	**Lesson**
Bowl, blue marble, and green marble **(Optional)**	3	1
Audio recording devices **(Optional)**	4	5
Materials to make a time capsule **(Optional)**	4	5

Module 2: Master of Materials

Items	Driving Question	Lesson
Sticky notes	1	3
Trays	1	4
	5	4
	5	5
	5	6
Additional objects that can be classified by their properties (e.g., math manipulatives, paper clips, pieces of paper, rocks, sandpaper)	1	4
	1	5
Objects that can be tied together (e.g., flowers or pencils)	2	2
450g of dry spaghetti (for each team)	2	2
	2	4
	3	3
	5	4
	5	5
Cardboard	2	2
Rulers	2	2
Washcloth	2	3
Water	2	3
Tissue paper	2	4
Large sheet of paper (for each team)	2	5
Tape	3	2
	3	3
	3	4
Glue	3	2
	3	3
	3	4
	5	4
	5	5
Blocks or books	3	5
Masking tape **(Optional)**	3	5
Desk fan **(Optional)**	3	5
Clothing item with a zipper	4	1
Empty water bottle with lid	4	1
Modeling clay	4	1
Paintbrush	4	1
Paper plate	4	1
Sealed can of sparkling water or fruit juice	4	1
2 colors of paint	4	1

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Module 2: Master of Materials

Items	Driving Question	Lesson
Document camera **(Optional)**	4	1
Camera (phone, tablet, etc.)	4	2
	4	3
	5	2
	5	5
	5	7
	5	8
Microwave or hot plate and pan	4	2
Candy thermometer **(Optional)**	4	2
Highlighters	4	4
Computer or tablet (for each pair)	4	6
Crayons or markers in the same colors as the centimeter cubes (for each pair)	5	1
	5	2
World map **(Optional)**	5	3
Scissors	5	6
Poster board **(Optional)**	5	9

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Module 3: Shadow Town

Items	Driving Question	Lesson
Computer or tablet (1 for each pair)	1	2
	1	4
	1	6
	1	9
	3	2
	3	3
Cookie **(Optional)**	1	5
Toothbrush **(Optional)**	1	5
Straw **(Optional)**	1	5
Ice cube **(Optional)**	1	5
Water **(Optional)**	1	5
	2	2
	4	4
Ice cubes or large block of ice	1	7
Water	1	7
Globe or map of Earth	1	8
Camera (phone, tablet, etc.)	2	2
	4	3
	4	4
Flat object to make waves with (e.g., ruler, laminated cardstock, for each team)	2	2
	4	4
Muslin or fine mesh (1 square)	2	2
Ruler	2	2
	4	4
Additional building materials, e.g., small blocks, larger rocks and pebbles, twigs, moss, and fake plants	4	3
Poster board or poster paper (for each team)	4	5
Glue	4	5

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Module 4: A Garden for Life		
Items	**Driving Question**	**Lesson**
Scissors	1	1
	3	7
	3	8
	4	3
Glue	1	1
Computer or tablet (for each pair)	1	2
	1	3
	1	4
Trays	1	6
	3	7
	3	8
	4	3
Camera (phone, tablet, etc.)	1	9
	2	3
	3	2
	4	3
	4	4
Clipboards **(Optional)**	1	9
Rulers	2	3
	2	4
Craft materials (e.g., construction paper, modeling clay, glitter, yarn, glue, tape, etc.)	3	7
	4	3
Colored paper	3	10
Photos of native plants and pollinators **(Optional)**	3	11