

Grade 1 Complete Materials Overview

Combined kit-provided and teacher-provided materials for one class of up to 30 students. 46 kit entries and 10 teacher entries. Repeated materials are consolidated to the largest single-lesson quantity unless the guide states an exact shared-kit quantity.

Source: ISK-KitMaterials-Grade1-FINAL-digital.pdf

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Common	Flashlights	10	- Physical Sciences: Lesson 4, 5, 6, 7 - Earth and Space Sciences: Lesson 2, 3	Yes	Shared across units.
Kit	Common	Gluesticks	6	Life Sciences: Lesson 4	No	Shared across units.
Kit	Common	Roll of masking tape	2	- Life Sciences: Lesson 4 - Physical Sciences: Lesson 3	No	Shared across units.
Kit	Common	Roll of plastic wrap	1	Physical Sciences: Lesson 2, 5	No	Shared across units.
Kit	Common	Scissors	1	Life Sciences: For teacher use	Yes	Shared across units.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Common	Ball of string	1	- Life Sciences: Lesson 4 - Physical Sciences: Lesson 3	No	Shared across units.
Kit	Earth and Space Sciences	Paper cup	10	Earth and Space Sciences L3	No	
Kit	Earth and Space Sciences	Sticky notes	1 pack	Earth and Space Sciences L1	No	
Kit	Engineering Design	Piece of cardboard	6	Engineering Design L3	No	
Kit	Engineering Design	Craft sticks	48	Engineering Design L3	No	
Kit	Engineering Design	Dropper	18	Engineering Design L3	Yes	Used to hold water for testing designs.
Kit	Engineering Design	Piece of felt cloth	6	Engineering Design L3	No	
Kit	Engineering Design	Plastic cup	6	Engineering Design L3	No	Used to hold water for testing designs.
Kit	Engineering Design	Plastic sleeve	6	Engineering Design L3	No	

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Life Sciences	Piece of bubble wrap	30	• Life Sciences L4	No	
Kit	Life Sciences	Chenille sticks	90	• Life Sciences L4	No	
Kit	Life Sciences	Construction paper	45	• Life Sciences L4	No	
Kit	Life Sciences	Craft sticks	90	• Life Sciences L4	No	
Kit	Life Sciences	Straws	45	• Life Sciences L4	No	
Kit	Life Sciences	Piece of tissue paper	15	• Life Sciences L4	No	
Kit	Life Sciences	Toothpicks	1 box	• Life Sciences L4	No	
Kit	Physical Sciences	Piece of aluminum foil	8	• Physical Sciences L6	No	Foil is provided as a roll. Cut a large piece for each group beforehand. Groups can scrunch the piece they had in activity 3 into a ball.
Kit	Physical Sciences	Black Cloth	6	• Physical Sciences L4 • Physical Sciences L5	Yes	Station 3: Opaque Materials.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Physical Sciences	Box	6	Physical Sciences L4	Yes	Boxes are flat packed and will need to be put together before the lesson. Leave one end open and drape fabric over. Holes do not need to be cut.
Kit	Physical Sciences	Bubble Mix	10	Physical Sciences L5	No	
Kit	Physical Sciences	Clear plastic bowl	1	Physical Sciences L2	Yes	
Kit	Physical Sciences	Clear plastic cup	6	Physical Sciences L5	Yes	Station 1: Transparent Materials.
Kit	Physical Sciences	Clear plastic sleeve	6	Physical Sciences L5	Yes	Station 1: Transparent Materials.
Kit	Physical Sciences	Colored cellophane	6	Physical Sciences L5	Yes	Station 2: Translucent Materials. Can use all one color or multiple colors.
Kit	Physical Sciences	Colored cellophane squares	18	Physical Sciences L7	Yes	Provide each group with 1 of each colored square.
Kit	Physical Sciences	Deli container with lid (drum)	1	- Physical Sciences L1 - Physical Sciences L2	Yes	Closed containers can be used as drums. Closed container can be used as drum.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Physical Sciences	Metal spoon	8	Physical Sciences L6	Yes	
Kit	Physical Sciences	Mirror	8	Physical Sciences L6	Yes	
Kit	Physical Sciences	Nylon string	45 yards	Physical Sciences L3	No	Students can also experiment with different lengths of string.
Kit	Physical Sciences	Paper cup	30	Physical Sciences L3	No	
Kit	Physical Sciences	Plastic cup (5oz)	30	Physical Sciences L3	No	
Kit	Physical Sciences	Red plastic cup	6	Physical Sciences L5	Yes	Station 3: Opaque Materials.
Kit	Physical Sciences	Rice (uncooked)	2 scoops	- Physical Sciences L1 - Physical Sciences L2	No	Save the remaining rice for Lesson 2. Also used in Lesson 1. Lesson quantities shown: 1 scoop; 2 scoops. Overview uses the largest single-lesson quantity.
Kit	Physical Sciences	Rubber band	10	Physical Sciences L1	Yes	Rubber band station. Optional to create two stations with 5 rubber bands at each one.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Physical Sciences	Ruler	6	Physical Sciences L1	Yes	Ruler station. Optional to create two stations with 3 rulers at each one.
Kit	Physical Sciences	Sticky notes	1 pack	Physical Sciences L4	No	
Kit	Physical Sciences	sunglasses	2	Physical Sciences L5	Yes	Station 2: Translucent Materials. Other translucent materials can be substituted.
Kit	Physical Sciences	Translucent plastic cup	6	Physical Sciences L5	Yes	Station 2: Translucent Materials.
Kit	Physical Sciences	Tuning fork	1	Physical Sciences L2	Yes	
Kit	Physical Sciences	Wood dowels	2	- Physical Sciences L1 - Physical Sciences L2	Yes	Two dowels can be used as drumsticks. If more drumsticks are needed, pencils also work well. Two dowels can be used as drumsticks.
Kit	Physical Sciences	Wooden spoon	8	Physical Sciences L6	Yes	
Teacher	Engineering Design	Terry cloth (towel)	6	Engineering Design L3	No	Cut a piece of towel into 6 pieces. You can use other absorbent materials.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Teacher	Life Sciences	Ball of modelling clay	15	Life Sciences L4	No	Optional additional makerspace material.
Teacher	Life Sciences	Variety of recycled materials	15	Life Sciences L4	No	Additional materials could include paper towel tubes, cardboard boxes, bottle caps, etc.
Teacher	Multiple disciplines	Pencil	15	- Physical Sciences L3 - Earth and Space Sciences L3	No	Anything to poke a hole in the bottom of the cup is sufficient. Lesson quantities shown: 15; 10. Overview uses the largest single-lesson quantity.
Teacher	Multiple disciplines	scissors	15	- Life Sciences L4 - Physical Sciences L3	No	If lengths of string are cut before the activity, students will not need scissors.
Teacher	Physical Sciences	Books	6	Physical Sciences L5	No	Station 3: Opaque Materials. Any opaque materials can be used such as toys, rocks, or erasers.
Teacher	Physical Sciences	Magazine	3	Physical Sciences L4	No	Students may wish to use an image from a magazine instead of images provided in lesson.
Teacher	Physical Sciences	Metal can	30	Physical Sciences L3	No	Possible alternative for plastic cups.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Teacher	Physical Sciences	Piece of paper	10	Physical Sciences L1	No	Paper station. Optional to create two stations with 5 pieces of letter-sized paper at each one.
Teacher	Physical Sciences	Water	1 Bowl	Physical Sciences L2	No	