

Grade 3 Complete Materials Overview

Combined kit-provided and teacher-provided materials for one class of up to 30 students. 43 kit entries and 34 teacher entries. Repeated materials are consolidated to the largest single-lesson quantity unless the guide states an exact shared-kit quantity.

Source: ISK-KitMaterials-Grade3-FINAL-digital.pdf

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Common	Animal figures	1 pack	- Physical Sciences: Lesson 2 - Engineering Design: Lesson 3	Yes	Shared across units.
Kit	Common	Bar magnet	18	- Physical Sciences: Lesson 7, 8 - Engineering Design: Lesson 3	Yes	Shared across units.
Kit	Common	Gluesticks	6	- Life Sciences (Unit 2): Lesson 1, 2 - Engineering Design: Lesson 1, 3	No	Shared across units.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Common	Roll of masking tape	5	- Life Sciences (Unit 2): Lesson 1, 2 - Physical Sciences: Lesson 2, 4, 7, 8 - Engineering Design: Lesson 1, 3	No	Shared across units.
Kit	Common	Scissors	1	Life Sciences (Unit 1): For teacher use	Yes	Shared across units.
Kit	Common	Stopwatches	5	- Life Sciences (Unit 2): Lesson 6 - Engineering Design: Lesson 2, 3	Yes	Shared across units.
Kit	Common	Ball of String	2	- Life Sciences (Unit 2): Lesson 1, 2 - Physical Sciences: Lesson 2, 5, 8 - Engineering Design: Lesson 1, 3	No	Shared across units.
Kit	Common	Tape measure	12	- Life Sciences (Unit 2): Lesson 3 - Physical Sciences: Lesson 4 - Engineering Design: Lesson 1, 2, 3	Yes	Shared across units.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Earth and Space Sciences	Sticky Notes	1 pack	• Earth and Space Sciences L1 • Earth and Space Sciences L4	No	
Kit	Engineering Design	Card stock	15	• Engineering Design L1	No	To be used as the deck of the bridge.
Kit	Engineering Design	Connecting cubes	50	• Engineering Design L1	Yes	Use blocks to test how much weight the bridge can hold before collapsing. Coins could also be used.
Kit	Engineering Design	Craft sticks	100	• Engineering Design L3	No	
Kit	Engineering Design	Plastic cups	50	• Engineering Design L1	No	
Kit	Engineering Design	Rubber bands	80	• Engineering Design L3	No	
Kit	Engineering Design	Straws	100	• Engineering Design L1	No	

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Life Sciences (Unit 1)	Modeling clay	30	• Life Sciences L3 • Life Sciences L1 • Life Sciences L2	No	Can be substituted with Play-doh or any child- safe modeling material. Extra modeling clay can be saved for Life Science Unit 2. Any left from Life Science Unit 1 may be used. Any left from Unit 1 may be used. Lesson quantities shown: 4 packs; 30; See guide. Overview uses the largest single-lesson quantity.
Kit	Life Sciences (Unit 1)	Sticky Notes	1 pack	• Life Sciences L1	No	
Kit	Life Sciences (Unit 2)	Sheet of black paper	1 pack	• Life Sciences L6	No	Cut one sheet into 20 small squares.
Kit	Life Sciences (Unit 2)	Clear plastic cups	30	• Life Sciences L5	No	
Kit	Life Sciences (Unit 2)	Hand lens	15	• Life Sciences L1	Yes	
Kit	Life Sciences (Unit 2)	Small jars with lids	3	• Life Sciences L1	Yes	Small jars to hold seeds as needed.
Kit	Life Sciences (Unit 2)	Toothpicks	50	• Life Sciences L3	No	To remove seeds from each apple.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Life Sciences (Unit 2)	Two different food colorings	4 bottles	Life Sciences L5	No	Pairs will need 10 drops of one color in one cup, and 10 drops of the other color in the other cup.
Kit	Life Sciences (Unit 2)	Variety of small plant seeds	Several packets	Life Sciences L1	No	Poppy, marigold, and sunflower seeds are provided in the kit for you to divide between pairs of students.
Kit	Life Sciences (Unit 2)	Sheet of white paper	1 pack	Life Sciences L6	No	Cut one sheet into 20 small squares.
Kit	Physical Sciences	Piece of aluminium foil	6	Physical Sciences L4	No	Piece should be cut to fit a third of the cardboard (approx: 2.5in by 12in). Smooth Plastic could be used instead.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Physical Sciences	Balloon	30	- Physical Sciences L1 - Physical Sciences L6	No	Use one pack of balloons in this lesson, and the other pack in Lesson 6. Students may find blowing up a balloon challenging; consider blowing them up beforehand. Students could also complete this activity in pairs to simplify setup. Use one pack of balloons in this lesson, and the other pack in Lesson 1. Students may find blowing up a balloon challenging; consider blowing them up beforehand. Students could also complete this activity in pairs to simplify setup. Keep the same balloons from Activity 3. Keep the same balloons from Activity 5.
Kit	Physical Sciences	Piece of bubble wrap	6	Physical Sciences L4	No	Piece should be cut to fit a third of the cardboard (approx: 2.5in by 12in). Carpets could be used instead.
Kit	Physical Sciences	Piece of cardboard	6	Physical Sciences L4	No	
Kit	Physical Sciences	Metal teaspoon	5	Physical Sciences L7	Yes	

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Physical Sciences	Metal washer	10	Physical Sciences L7	Yes	
Kit	Physical Sciences	Metal weight	15	Physical Sciences L5	Yes	Metal washers have been provided.
Kit	Physical Sciences	Paper clip	10	Physical Sciences L7	Yes	Lesson quantities shown: 10; 8. Overview uses the largest single-lesson quantity.
Kit	Physical Sciences	Paper plate	8	Physical Sciences L7	Yes	These must stay intact, as they are used again in Activity 4.
Kit	Physical Sciences	Ping pong ball	1	Physical Sciences L3	Yes	Extra balls provided in Kit Bag.
Kit	Physical Sciences	Ring magnet	20	- Physical Sciences L7 - Physical Sciences L8	Yes	Lesson quantities shown: 8; 16; 20. Overview uses the largest single-lesson quantity.
Kit	Physical Sciences	Piece of rough sandpaper	6	Physical Sciences L4	No	Piece should be cut to fit a third of the cardboard (approx: 2.5in by 12in).
Kit	Physical Sciences	Small block of wood	18	Physical Sciences L4	Yes	
Kit	Physical Sciences	Small sponge	5	Physical Sciences L7	No	

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Physical Sciences	Tissue paper	1 pack	Physical Sciences L6	No	Cut or tear tissue paper into small pieces.
Kit	Physical Sciences	Toy car	8	Physical Sciences L7	Yes	A good option to show that not all metals are magnetic.
Kit	Physical Sciences	Trash bag	15	Physical Sciences L2	No	Bags should be cut into squares of approximately 40 x 40 cm.
Kit	Physical Sciences	Wooden dowel	1 piece	Physical Sciences L8	Yes	For teacher demonstration.
Teacher	Earth and Space Sciences	Piece of grid paper	30	Earth and Space Sciences L2	No	
Teacher	Earth and Space Sciences	Tablet or laptop	15	Earth and Space Sciences L2	No	Optional - will need a program such as Excel or Google Sheets.
Teacher	Engineering Design	Newspaper	5	Engineering Design L1	No	
Teacher	Engineering Design	Recycled containers	10	Engineering Design L3	No	
Teacher	Engineering Design	Recycled materials	30	Engineering Design L1	No	Materials like cardboard, etc can be used as the 'deck of the bridge'.
Teacher	Engineering Design	Stack of books	10	Engineering Design L1	No	Two stacks will need to be of equal height. Alternatively, use two chairs.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Teacher	Life Sciences	Construction paper or card	30	Life Sciences L2	No	
Teacher	Life Sciences	Construction paper or card stock	30	Life Sciences L1	No	
Teacher	Life Sciences	Large paper	8	- Life Sciences L1 - Life Sciences L2	No	
Teacher	Life Sciences	Leaf	30	Life Sciences L3	No	Students can collect their own leaf, seeds, pod or other natural materials from outside.
Teacher	Life Sciences	Lettuce leaves	30 leaves	Life Sciences L5	No	Cabbage leaves, bok choy, or romaine hearts may also be used.
Teacher	Life Sciences	Rolling pin	30	Life Sciences L3	No	Can be used to flatten their modelling clay and press their leaf into it, or students use their hands to flatten and press.
Teacher	Life Sciences	Sharp knife (Teacher use only)	1	Life Sciences L3	No	To cut apples in half. You may want to use a cutting board as well.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Teacher	Life Sciences	Variety of apples	15	Life Sciences L3	No	Use three different varieties of apple - such as Red Delicious, Golden Delicious and Granny Smith. 5 of each variety will provide 30 halves to divide between the groups. Cut each apple horizontally so that the seeds are in a visible star pattern.
Teacher	Life Sciences	Variety of large plant seeds	15	Life Sciences L1	No	Providing large seeds allows for more comparison between seeds. Other larger seed options include avocado, stone fruit, coconut, and mango.
Teacher	Life Sciences	Water	30 cups	Life Sciences L5	No	
Teacher	Multiple disciplines	Internet enabled devices	30	- Life Sciences L6 - Earth and Space Sciences L1	No	Lesson quantities shown: 15; 30. Overview uses the largest single-lesson quantity.
Teacher	Multiple disciplines	Large piece of paper	8	- Life Sciences L1 - Life Sciences L4 - Physical Sciences L7	No	To draw a racetrack on.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Teacher	Multiple disciplines	Marker	32	• Life Sciences L1 • Life Sciences L4 • Life Sciences L2 • Physical Sciences L7	No	To draw a racetrack on the paper. Lesson quantities shown: 32; 30; 8. Overview uses the largest single-lesson quantity.
Teacher	Multiple disciplines	Paper	60	• Physical Sciences L2 • Physical Sciences L6 • Engineering Design L2	No	Use print paper or construction paper. Lesson quantities shown: 30; 60. Overview uses the largest single-lesson quantity.
Teacher	Multiple disciplines	Research materials	30	• Life Sciences L1 • Life Sciences L4 • Life Sciences L2 • Earth and Space Sciences L3 • Earth and Space Sciences L4	No	Internet-enabled devices, books, magazines. Internet-enabled devices or reference books such as atlases. Internet-enabled devices, books and relevant magazines may all be useful.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Teacher	Multiple disciplines	Scissors	30	• Life Sciences L1 • Life Sciences L2 • Life Sciences L6 • Physical Sciences L2 • Physical Sciences L4 • Physical Sciences L7 • Engineering Design L1 • Engineering Design L3	No	Teacher can precut materials before the activity or provide students scissors. A magnetic option. Lesson quantities shown: 30; 15; 10. Overview uses the largest single-lesson quantity.
Teacher	Physical Sciences	Aluminum can	10	• Physical Sciences L7	No	A good option to show that not all metals are magnetic. Ex. drink cans.
Teacher	Physical Sciences	Camera (or a device with a camera)	15	• Physical Sciences L6	No	An optional method for students to record their observations.
Teacher	Physical Sciences	Coin	10	• Physical Sciences L7	No	A good option to show that not all metals are magnetic.
Teacher	Physical Sciences	Eraser	10	• Physical Sciences L7	No	A non-magnetic option.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Teacher	Physical Sciences	Hair dryer	1	Physical Sciences L3	No	At least one hair dryer is needed; more will enable more student involvement. A ‘cool’ air setting should be used, if possible.
Teacher	Physical Sciences	Paperback books	30	Physical Sciences L5	No	Similar-sized books work best.
Teacher	Physical Sciences	Pencil	15	- Physical Sciences L5 - Physical Sciences L8	No	A pen, marker or crayon may all be used. For students to thread their ring magnets on. Lesson quantities shown: 15; 8. Overview uses the largest single-lesson quantity.
Teacher	Physical Sciences	Plastic comb	1	Physical Sciences L6	No	
Teacher	Physical Sciences	Ruler	15	- Physical Sciences L2 - Physical Sciences L7	No	The measuring tapes in the Common Materials Kit Bag could also be used. Lesson quantities shown: 15; 8. Overview uses the largest single-lesson quantity.
Teacher	Physical Sciences	Sink	1	Physical Sciences L6	No	A thin, steady stream of water is needed.
Teacher	Physical Sciences	Wool clothing or hair	15	Physical Sciences L6	No	Student may also use their hair to charge a balloon.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Teacher	Physical Sciences	Woollen cloth	1	Physical Sciences L6	No	To charge the comb. Fur (faux or real) may also be used.