

Grade K Complete Materials Overview

Combined kit-provided and teacher-provided materials for one class of up to 30 students. 31 kit entries and 22 teacher entries. Repeated materials are consolidated to the largest single-lesson quantity unless the guide states an exact shared-kit quantity.

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

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Common	Gluesticks	6	- Life Sciences L4 - Earth and Space Sciences L5	No	Shared across units.
Kit	Common	Masking tape	3 rolls	- Life Sciences L4 - Physical Sciences L4 - Earth and Space Sciences L5 - Engineering Design L2	No	Shared across units. Lesson quantities show up to 2 rolls at a time.
Kit	Common	String	2 balls	- Physical Sciences L1 - Life Sciences L4 - Engineering Design L2	No	Shared across units.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Common	Scissors	1 pair	• Teacher use	Yes	Lesson activities requiring multiple pairs list additional scissors as teacher provided.
Kit	Life Sciences	Modeling clay	30 balls	• L1	No	
Kit	Life Sciences	Cardboard squares	6	• L4	No	
Kit	Life Sciences	Chenille sticks	1 pack	• L4	No	
Kit	Life Sciences	Construction paper	1 pack	• L4	No	
Kit	Physical Sciences	Wood blocks	30	• L1	Yes	Optional challenging activity.
Kit	Physical Sciences	Craft sticks	45	• L1 and L4	No	Thirty used in L1 are kept and reused within the unit in L4.
Kit	Physical Sciences	Toy cars	15	• L2 and L4	Yes	
Kit	Physical Sciences	Pinwheel	1	• L2	Yes	
Kit	Physical Sciences	Ping-pong balls	10	• L3	Yes	
Kit	Physical Sciences	Rulers	10	• L3	Yes	
Kit	Physical Sciences	Wooden blocks	50	• L3	Yes	Listed separately from the wood blocks used in L1.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Physical Sciences	Paper cups	30	• L3	No	
Kit	Physical Sciences	Dominoes	80	• L3	Yes	
Kit	Physical Sciences	Rubber bands	1 pack	• L4	Yes	
Kit	Earth and Space Sciences	Sticky notes	1 pack	• L2	No	One per day for one month.
Kit	Earth and Space Sciences	Clear cups	20	• L4	Yes	
Kit	Earth and Space Sciences	Small rocks	20	• L4 and L5	Yes	Fifteen are reused in L5.
Kit	Earth and Space Sciences	Straws	90	• L5	No	
Kit	Earth and Space Sciences	Craft sticks	180	• L5	No	
Kit	Earth and Space Sciences	Construction paper	30 sheets	• L5	No	
Kit	Earth and Space Sciences	Cardboard	15 bases	• L5	No	
Kit	Earth and Space Sciences	Cardstock	30 sheets	• L5	No	

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Kit	Engineering Design	Craft sticks	100	• L2	No	
Kit	Engineering Design	Straws	50	• L2	No	
Kit	Engineering Design	Decks of cards	2 decks	• L2	Yes	
Kit	Engineering Design	Cardstock	12 sheets	• L2	No	
Kit	Engineering Design	Thick cardboard	6 pieces	• L2	No	
Teacher	Life Sciences	Potted plants	2	• Life Sciences 2 A2	No	Use the same species and similar-sized plants if possible.
Teacher	Life Sciences	Clear cups	2	• Life Sciences 2 A4	No	
Teacher	Life Sciences	Cotton balls	1 small bag	• Life Sciences 2 A4	No	
Teacher	Life Sciences	Lima bean seeds	1 small pack	• Life Sciences 2 A4	No	Any fast-growing seeds may be used, including mung beans, peas, butter beans, or marigolds.
Teacher	Life Sciences	Sticky labels	2	• Life Sciences 2 A4	No	
Teacher	Life Sciences	Black card	1	• Life Sciences 2 A4	No	Wrap around one cup.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Teacher	Life Sciences	Small box	1	Life Sciences 2 A4	No	Place over one cup to block light.
Teacher	Life Sciences	Natural resources	30	Life Sciences 3 A8	No	Students may gather sticks, leaves, grass, rocks, dirt, and similar materials outside.
Teacher	Life Sciences	Maker space materials	30	Life Sciences 3 A8	No	Examples include recycled cardboard, tape, and string.
Teacher	Multiple disciplines	Scissors	30	- Life Sciences 4 A11 - Physical Sciences 4 A7 - Earth and Space Sciences 5 A5 - Engineering Design 2 A2	No	The Common kit includes one reusable pair for teacher use; provide additional scissors for groups. Groups may cut straws, tape, and string. Consolidated quantity uses the largest class requirement; lesson quantities listed are 12, 30, 15.
Teacher	Multiple disciplines	Camera or device with a camera	15	- Life Sciences 5 A7 - Earth and Space Sciences 3 A2 - Earth and Space Sciences 4 A2	No	Optional alternative to creating a poster. If devices are unavailable, students may present to the class.
Teacher	Physical Sciences	Small ball	1	Physical Sciences 1 A5	No	A recess ball is suggested.

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Teacher	Physical Sciences	Pencils or crayons	100	- Physical Sciences 1 A10 - Physical Sciences 3 A5	No	Students may suggest other materials to move the block. Optional material for creating the mini golf hole. Consolidated quantity uses the largest class requirement; lesson quantities listed are 10, 100.
Teacher	Physical Sciences	Fan	1	Physical Sciences 2 A8	No	A hairdryer may also be used.
Teacher	Physical Sciences	Books	20	Physical Sciences 3 A5	No	Optional material for creating the mini golf hole.
Teacher	Physical Sciences	Cardboard boxes	15	Physical Sciences 4 A7	No	Any recycled box may be used.
Teacher	Earth and Space Sciences	Large sheets of paper	8	Earth and Space Sciences 1 A2	No	Large enough for each group to write and draw on.
Teacher	Earth and Space Sciences	Clipboards	15	Earth and Space Sciences 4 A2	No	Use for writing outside.
Teacher	Earth and Space Sciences	Paper	30 sheets	Earth and Space Sciences 4 A2	No	
Teacher	Earth and Space Sciences	Pencils	30	Earth and Space Sciences 4 A2	No	

PROVIDER	KIT BAG	MATERIAL	QUANTITY	USED IN	REUSABLE	NOTES
Teacher	Earth and Space Sciences	Water	Enough to fill 20 cups	• Earth and Space Sciences 4 A4	No	
Teacher	Engineering Design	Sticks	20	• Engineering Design 2 A2	No	Team 4 uses sticks gathered outside. Recycled materials or an additional kit-material team may be substituted.