

Science Academies for Grades 5-8, Part 2 Materials

Grade 8, Lesson 2 Teachers

Lesson	Materials	Quantity Needed for 30 Participants	Quantity Needed for Group of 5
Engage	chart paper (optional)	1 pad	1 sheet
	masking tape or chalk (optional)	6	1
Explore	safety glasses	30	5
	alcohol wipes (to clean glasses)		
	Hall's carriage cart	6	1
	push-pull spring scale (5N or 10N)	6	1
	meter sticks	12	2
	objects to add mass (marbles, pennies, known mass set, etc.)	6 sets	1 set
	foam board for a ramp (from Grade 7 lesson)	6	1
	1" blocks (or a book) for ramp	12	2
	small container of sand or gravel (Can use load object from grade 7 lesson)	6	1
	masking tape or painters tape (optional)	6 rolls	1 roll
	hot glue or other adhesive to glue plastic (optional)	1 bottle or package	for teacher only
	small, plastic containers or film canisters (optional)	6	for teacher only

Science Academies for Grades 5-8, Part 2 Materials

Grade 8, Lesson 2 Teachers

Lesson	Materials	Quantity Needed for 30 Participants	Quantity Needed for Group of 5
Explain	cardstock	30 sheets	5 sheets
	brass paper fasteners	2 boxes of 100	15
	chart markers	6 packs	1 pack
	chart paper	1 pad	1 sheet
	highlighters (optional)	30	5
	sticky notes	6 pads	1 pad
	scissors	30	1
	hole punch	6	1
Elaborate			
Evaluate			