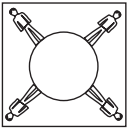
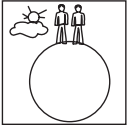


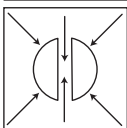
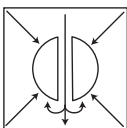
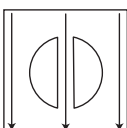


Levels of Understanding About the Earth's Shape and Gravity

Earth's Shape	Definition of Each Level	How to Classify Answers	Number of Students
 SHAPE LEVEL 4	The Earth is shaped like a ball, and people live all around the ball.	QUESTION 1: Answer D and QUESTION 2: Answer D.	
 SHAPE LEVEL 3	The Earth is shaped like a ball, but people live just on top of the ball.	QUESTION 1: Answer D and QUESTION 2: Answers A, B, or C.	
 SHAPE LEVEL 2	The Earth is shaped like a ball, but people live on the flat parts of it (or inside the ball).	QUESTION 1: Either Answer B or C.	
 SHAPE LEVEL 1	The Earth is flat.	QUESTION 1: Either answer A or E, or no answer at all.	

Gravity	Definition of Each Level	How to Classify Answers	Number of Students
 GRAVITY LEVEL 3	Objects fall toward the center of the Earth.	QUESTION 3: Rocks are shown falling straight down to the surface of the Earth, near each figure's feet, and QUESTION 4: The rock is shown falling toward the Earth's center, where it either falls through and bobs up and down, or stops in the center.	
 GRAVITY LEVEL 2	Objects fall toward the surface of the Earth.	QUESTION 3: Rocks are shown falling straight down to the surface of the Earth, near each figure's feet, and QUESTION 4: The rocks do not end up in the Earth's center. (They may be shown passing all the way through the earth, sticking to the Earth's surface, or taking some other path.)	
 GRAVITY LEVEL 1	Objects fall down in space.	QUESTION 3: Rocks are shown falling straight down to the surface of the Earth. (They may be falling down to the bottom of the page or shooting at some other angle around the planet).	

Class Profile—Earth's Shape

NUMBER OF STUDENTS	Level 1	Level 2	Level 3	Level 4
	30	30	30	30
28				
26				
24				
22				
20				
18				
16				
14				
12				
10				
8				
6				
4				
2				
0				

Gravity

NUMBER OF STUDENTS	Level 1	Level 2	Level 3
	30	30	30
28			
26			
24			
22			
20			
18			
16			
14			
12			
10			
8			
6			
4			
2			
0			