

Answers

Theme 9: What Is Being Safe? Chapter – 13: Light, Sound and Force

Main Coursebook

Re-KAP

Kinaesthetic: Accept all relevant responses.

Pictorial:



Interacting better

Accept all relevant responses.

Understanding better (Page 89)

1. Lamps and Stars.
2. Chirping of birds and a lullaby.

Learning better:

- A. 1. b 2. a 3. b 4. b 5. b
 B. 1. b 2. d 3. a 4. e 5. c
 C. 1. Candle and electric bulb.
 2. Solar eclipse.
 3. It is a push or pull that is used to move an object from its original position.
 D. 1. Sound is anything that we can hear. A sound can be pleasant or unpleasant. Unpleasant sound is also called noise. Some examples of pleasant sounds are the chirping of birds, a song or a sound from a musical instrument. The sound of a horn or loud music are examples of unpleasant sounds.
 2. When the shadow of one heavenly body falls on another heavenly body, an eclipse occurs.

Creating better: Accept all relevant responses.

Thinking better: Accept all relevant responses.

Choosing better:

1. Tell the kids not to do it.

Students' Worksheets

Worksheet 1

- A. 1. light 2. luminous

3. non-luminous 4. sound

5. Sound

- B. 1, 2, 4

- C. 1. False 2. True 3. True

4. False 5. False

Worksheet 2

- A. 1, 4

- B. 1. P 2. U 3. U 4. P 5. P

- C. 1. False 2. True 3. True 4. False 5. False

Worksheet 3

- A. 1. eyes 2. luminous
 3. give 4. non-luminous
 5. Push or pull

- B. table lamp bonfire candle pen
flower vase lantern book water bottle

- C. 1. U 2. P 3. P 4. U 5. P

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Developing better

A. English:

1. or 2. but

B. Maths:

Days	Number of activities completed
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

Note: Each denotes a listening activity.

C. Social Studies:

An earthquake is a sudden shaking of the ground over a large area. It is caused by movements under the surface of the Earth. There is often loss of life and property during an earthquake.

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Making better

Accept all relevant responses.

Answers

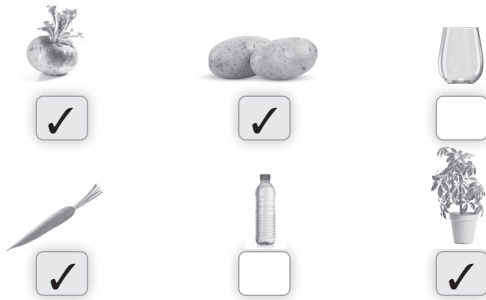
Chapter – 14: About Soil

Main Coursebook

Re-KAP

Kinaesthetic: If there was no soil, it would be very hard for most plants to grow. Plants usually need soil because it gives them the nutrients (food) and support they need to grow tall and strong. But, even without soil, plants can still grow in some special ways. For example, some plants can grow in water, like water lilies or lotus flowers. These plants can get nutrients from the water instead of soil. (Accept all relevant responses)

Pictorial



Interacting better:

Plants that grow in water:

1. Water lilies
2. Lotus flowers
3. Watercress

Plants that grow in soil:

1. Sunflowers
2. Carrots
3. Apple trees

Understanding better (Page 96)

1. Living and non-living components.
2. Sandy soil.

Understanding better (Page 97)

1. Sandy soil.
2. Sandy soil, silt soil, clayey soil and loamy soil.
3. Loamy soil.

Learning better:

- A. 1. a 2. c 3. b 4. b 5. b
- B. 1. rocks 2. Humus 3. Soil
4. Loamy 5. Sandy
- C. 1. Thousands of years ago, the Earth was covered with big, hard rocks. With time, these rocks broke down into small pieces due to sunlight, heavy rains and high-speed winds. After a few years, with water and wind, these rocks further broke down into smaller

and smaller pieces. These very small pieces of rock became particles of soil.

2. Clayey soil.
3. Broccoli and cabbage
- D. 1. Sandy soil, silt soil, clayey soil and loamy soil.

Sandy soil – Sandy soil contains very large quantities of sand particles. The particles are coarse and rough. Sandy soil cannot hold water, so it is best for plants like cactus, watermelon, etc., as they do not require much water.

Clayey soil – Clayey soil feels sticky when wet and hard when dry. The particle size of clayey soil is very small and these particles stick together. It holds water for a longer time. It is best for growing rice, since rice requires a lot of water.

2. Loamy soil is the best soil for growing plants. This is because loamy soil is a mixture of sandy, silt and clayey soil. The particle size of loamy soil is medium as compared to other soils. It is neither too rough nor too smooth on touching. It holds the right amount of water.

Creating better: Accept all relevant responses.

Thinking better:

Clayey soil can be a bit difficult for growing vegetables because it holds a lot of water and can become very sticky and hard when it's wet. This makes it harder for the plant roots to grow and get enough air. So, plants may not grow very well in clayey soil on their own. But Jai can make his clayey soil better by adding a few things such as compost, sand, etc.

Choosing better

2. Swim while being supervised by a trainer.

Students' Worksheets

Worksheet 1

- A. 1. rocks 2. living 3. sand
4. small 5. loamy
- B. 1. e 2. c 3. d
4. b 5. a
- C. 1. I 2. C 3. C
4. I 5. C

Worksheet 2

- A. 1. False 2. False 3. False
4. False 5. True
- B. 1. Loamy 2. Humus 3. poor
4. clayey 5. suitable

- C. 1. Earth 2. humus
 3. loamy soil 4. sandy soil
 5. Loamy soil

Worksheet 3






- A. 1. air
 2. higher
 3. crops growing properties
 4. loamy
 5. cooling
- B. 1. False 2. False
 3. True 4. True
 5. True
- C. 1. thousands
 2. tiny
 3. clayey
 4. loamy
 5. humus

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Developing better

- A. **English:**
 or and

B. Maths:

Flowers	Number of saplings
Rose	
Jasmine	
Marigold	
Sunflower	
Tulip	

Note: Each flower represents a number

C. Social Studies:

Floods occur mostly when rivers overflow after heavy rainfall. Floods affect the soil by washing away the top layer of soil which is rich in nutrients. Floods will also lead to soil erosion.

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Making better

Accept all relevant responses.