5th grade Science.

# 5TH Grade – Science Review

Light is everywhere and it allows us to receive information about the world around us. It comes from many sources such as fire, light bulbs, and fireflies and of course the sun. Without sunlight, there would be only a world of darkness where no plants would grow and therefore there would be no food for people and animals and no heat. Everything would be frozen.

Explain how sunlight gives energy to humans through the process of photosynthesis:

_____

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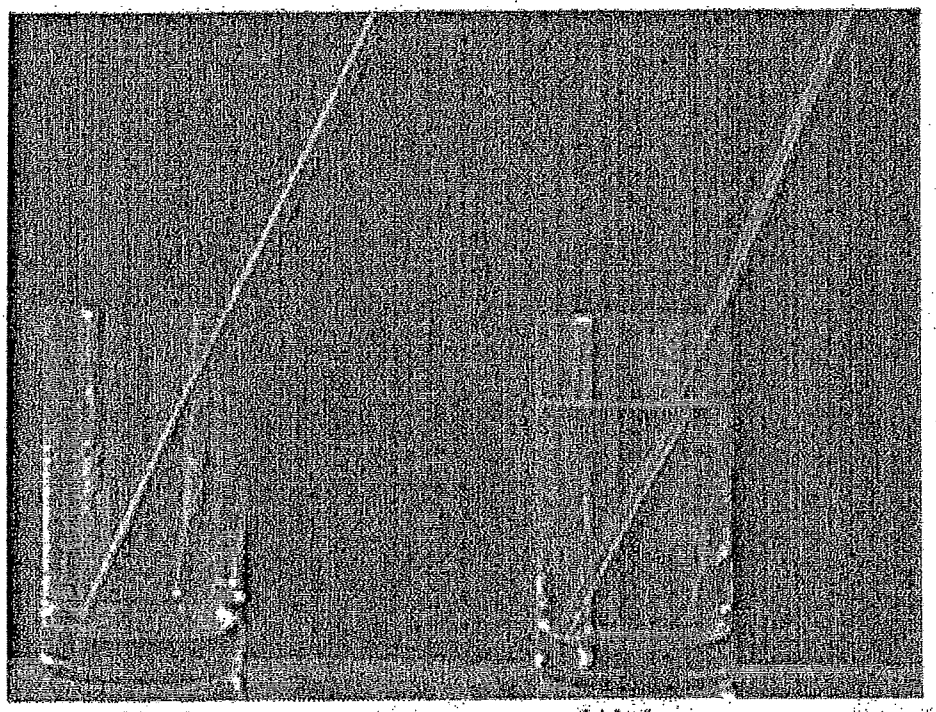
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Define the following words and give an example of each:

| Word | Definition | Example |
|---|---|---|
| Light Reflection | | |
| Light Refraction | | |
| Sound Reflection | | |
| Sound Absorption | | |

A student looks at the two glasses pictured below. One of the glasses contains water.



No Water Water

Why does the straw in the glass of water appear to be split at the surface of the water?

A. The water reflects light passing through it.

B. The water refracts light passing through it.

C. The water scatters light passing through it.

D. The water absorbs light passing through it.

The class puts the planters by the window so that the plants can get more sunlight.

How do the tomato plants use sunlight?

A. to make sugar in the leaves

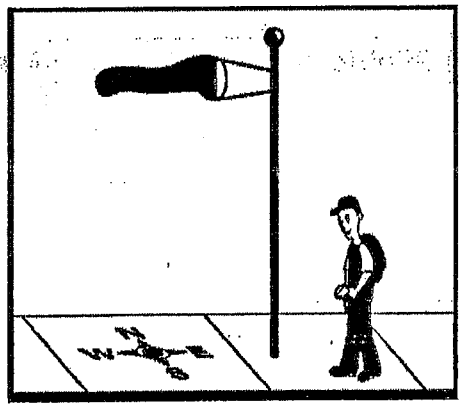
B. to use starch from the stems

C. to move water to the flowers

D. to get nutrients through the roots

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A student is collecting data about the wind. The picture shows a windsock attached to a flagpole on a windy day.



According to the information in the picture, the wind is coming from which direction?

A. from the east

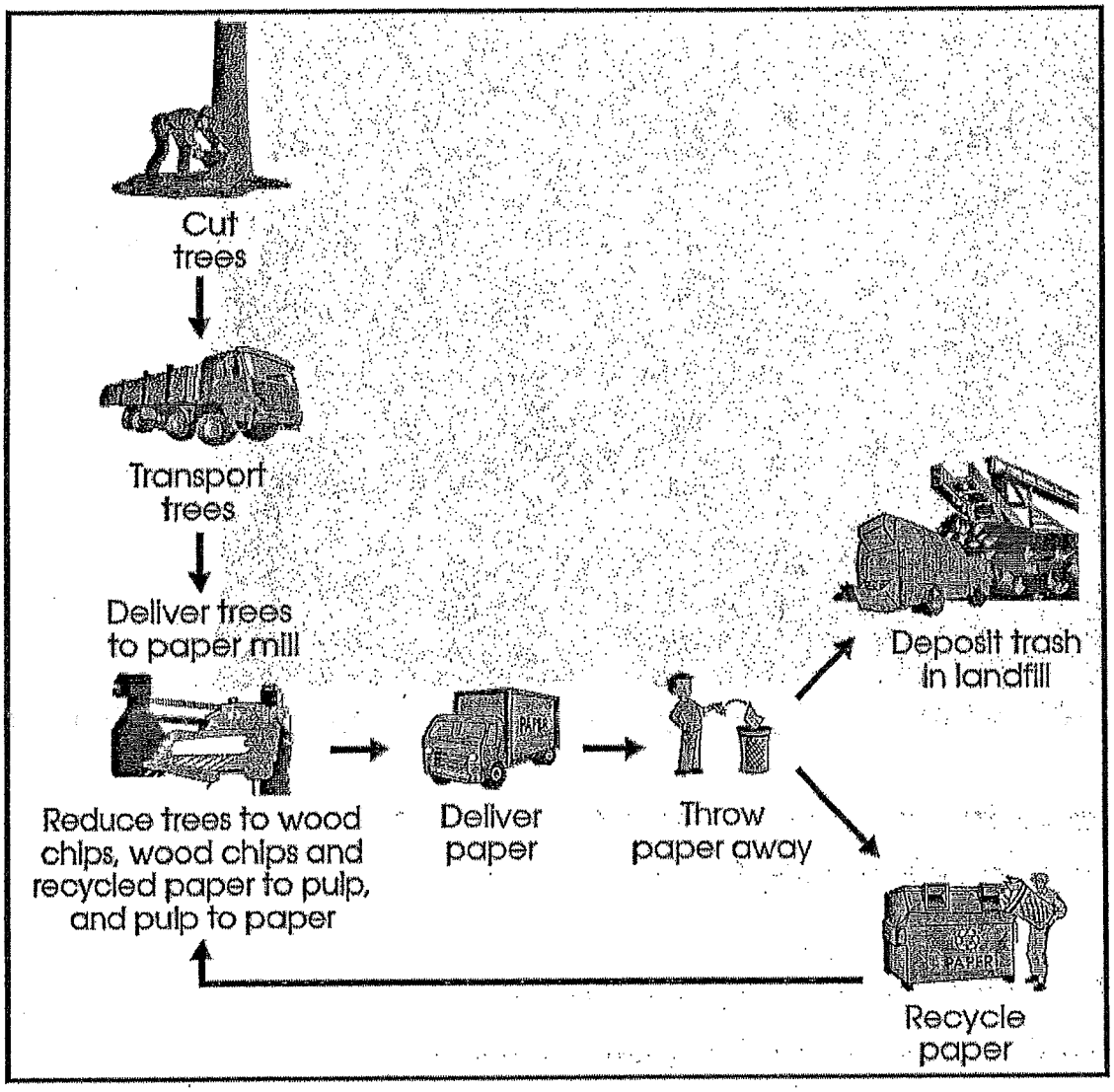
B. from the west

C. from the north

D. from the south

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The diagram below shows the process of how trees are made into paper. It also shows two ways to dispose of used paper.




On the lines below, describe two ways that recycling paper conserves Earth's resources. Use information in the diagram to support your answer. (2pts)

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## Science Vocabulary Flash Cards

Use the following vocabulary words to create flash cards using your own paper or index cards.

- On the FRONT – write the word and draw a picture
- On the BACK – write the definition

| | | |
|---|---|---|
| consumer | hypothesis | opaque |
| decomposer | data | energy |
| deposition | kinetic energy | vibration |
| conclusion | observation | erosion |
| ecosystem | orbit | predator |
| prey | producer | variable |