

BCM SCHOOL

BASANT AVENUE, DUGRI ROAD, LUDHIANA

VI

SCIENCE

Assignment

1 . What are floating ribs?

Ans. The two lowermost pair of ribs that not attached to sternum are called floating ribs.

2. What kind of body fishes have which help them to swim?

Ans. Fishes have streamlined body which helps them to swim. Fins also help fish to swim and tail helps to change direction while swimming.

3. When does a shadow form?

Ans. Shadow is formed when light does not reach behind the opaque object kept in the path of light.

4. You have to cast the shadow of your pencil on the wall with the help of candle in a dark room. How can you obtain the shadow of same size, small size and big size of the same pencil?

Ans. (a) The shadow of the pencil will be small when the pencil is taken close to the wall and away from the candle.

(b) The shadow will be big in size when the pencil is taken closer to the candle.

(c) To get the same sized shadow as the pencil is, adjust the distance between the wall, pencil and candle at equal distances.

5. A toy car has a bar magnet laid hidden inside its body along its length. Using another magnet how will you find out which pole of the magnet is facing the front of the car?

Ans. If the front of the toy car gets attracted to the north pole of the given magnet then it is the south pole of the bar magnet hidden inside the car.

6. Few iron nails and screws got mixed with the wooden shavings while a carpenter was working with them. How can you help him in getting the nails and screws back from the scrap without wasting his time in searching with his hands?

Ans. With the help of a magnet we can attract all iron nails and screws and can separate them from the wooden shavings. As iron nails and screws are magnetic materials and will get attracted to the magnet, whereas wooden shavings are non-magnetic.