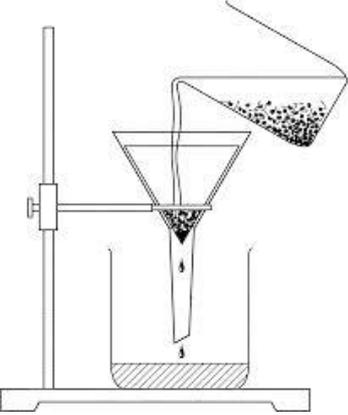
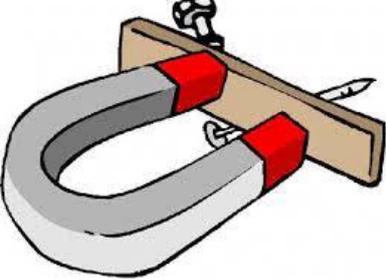


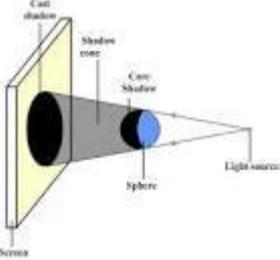
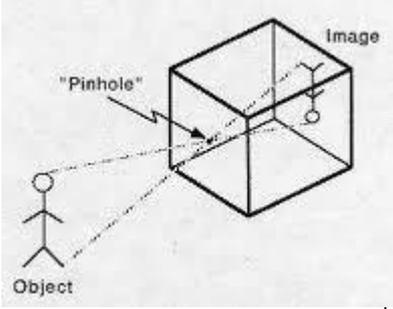
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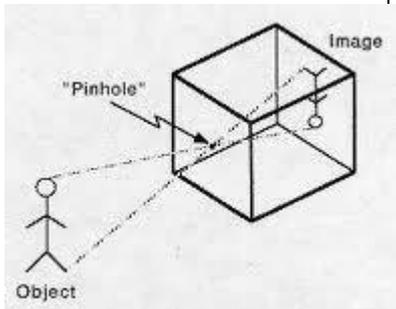
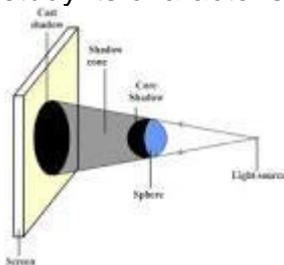
Subject : Science

TERM - I

Class : VI

| S No | Lesson Name | Activity | Values |
|------|--------------------------------|--|--|
| 1. | Food : Where does it come from | 1. To show germination of seed by making sprouts.  2. Collect image of various types of herbivores, carnivores, omnivores | Curiosity, Self, awareness, environmental awareness. |
| 2. | Components of food | To test the presence of fat, proteins sugar and starch in a food stuff | Observation, self awareness |
| 3. | Separation of Substances | Separation of rice grains from paper bits by winnowing. Separation of a mixture of sand and water by filtration  | Scientific attitude observation |
| 4. | Fiber to fabric | Group activity :- Collecting and grouping fabric on the basic of gross properties eg. roughness luster etc. | Team work, analyzing and interpreting |
| 5. | Sorting materials into groups | To classify the given materials as magnetic or non-magnetic  | Curiosity analyzing and interpreting |

| | | | |
|----|------------------------------|---|---|
| 6. | Changes around us | To show expansion and contraction of materials (i.e the 3 states of matter) | Scientific attitude, application skills in daily life |
| 7. | Measurement and motion | <p>1. To find the length of a straight line.</p> <p>2. Observing periodic motion of clock/watch/sun/moons</p> | Scientific attitude reasoning |
| 8. | Light, Shadow and Reflection | <p>1. To obtain a shadow and study its characteristics.</p>  <p>2. To make a pin hole camera</p>  | Self awareness analyzing and interpreting |

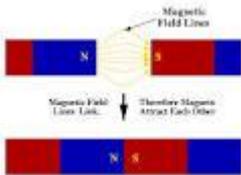
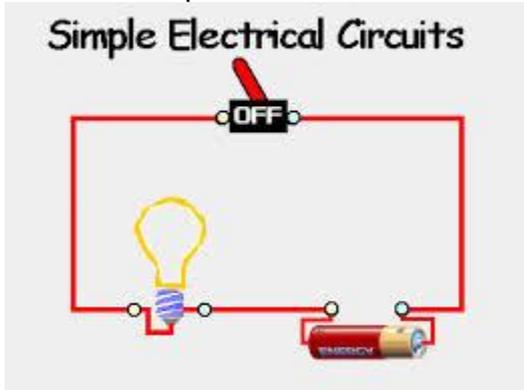


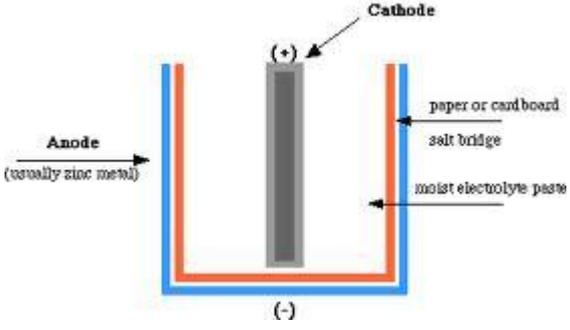
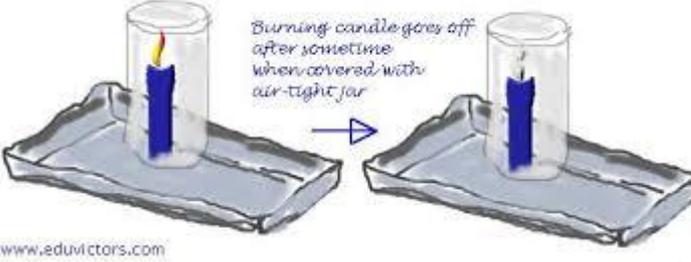
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Holistic Personality Development (HPD) Integrated Into School Curriculum 2014

Subject : Science

TERM - II

Class : VI

| S No | Lesson Name | Activity | Values |
|------|------------------------------|--|---|
| 1. | Things around us | 1. To observe and compare germination in the presence and absence of light. 2. Group activity:- observation of habitats | Scientific attitude, curiosity & teamwork |
| 2. | Getting to know plants | 1. To show anchorage by roots, absorption by roots. 2. Preparing herbarium species of different leaves | Curiosity, Self awareness environmental awareness |
| 3. | Form and movement in animals | 1. To study X-Rays. 3. Group discussion on movement and skeletal system in other animals. | Curiosity scientific attitude |
| | |  | |
| 4. | Habitat of the living | Group activity :- Make a project file on how different environmental factors (water, availability, temperature) affect living organisms | Team work, environmental awareness |
| 5. | Fun with magnet | To show that like poles repel and unlike pole attract  | Scientific attitude reasoning |
| 6. | Electricity and circuits | 1. To make simple circuit.  | Scientific attitude analyzing and interpretation |

| | | | |
|----|--------------------------|---|--|
| | | <p>2. Opening a dry cell</p>  | |
| 7. | Water and its importance | Case study :- Estimation of water used by a family in one day, one month, one year | Environmental awareness and conservation |
| 8. | Air around us | <p>1. To show presence of air in a bottle</p> <p>3. To show presence of oxygen in air</p>  | Curiosity, self-awareness |
| 9. | Garbage in Garbage out | Group activity :- Survey of solid waste generated by house hold | Environmental awareness and conservation |