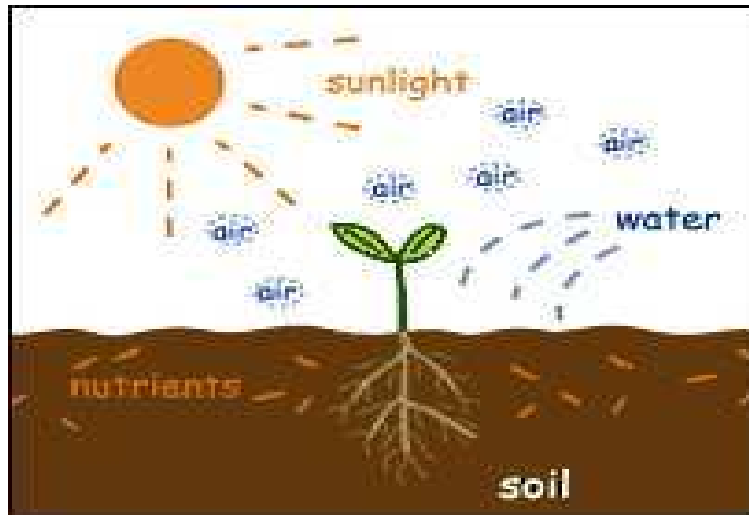


Plant needs sunlight and water for its growth



Materials Required

- 2 plants in 2 different pots
- Water and sunlight

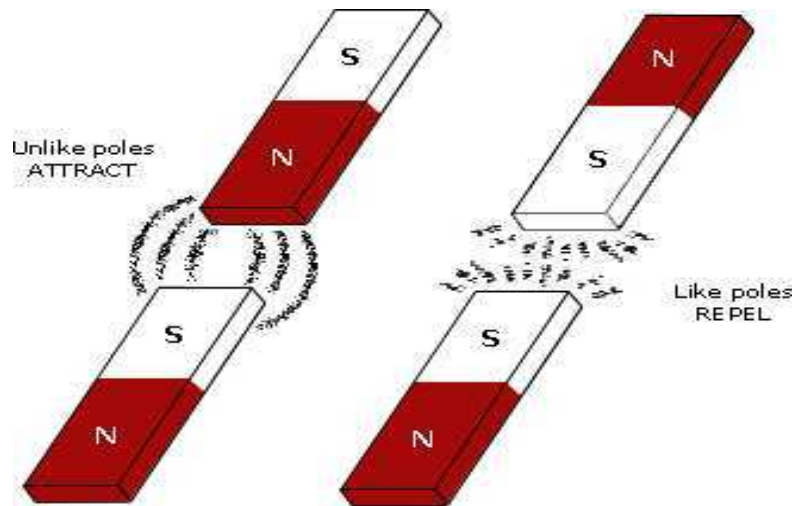
How to do it

- Ask the child to observe in the initial stage of well grown plants in 2 different pots.
- Place one pot inside a dark room without sunlight.
- Place one pot outside in sunlight.
- Let the child water the plant outside everyday for a week.
- After a week or 10 days, ask the child to observe both the plants in the 2 pots.
- Ask the child what difference she could see.
- The plant with sunlight and water will be looking fresh and must have grown new leaves.
- The other pot plant without sunlight and water would have dried or withered.

Explanation

- The plants grow with the help of sunlight and water. Without sunlight and water, the plant cannot grow.
- Plant photosynthesis occurs only in the sunlight.
- Child will learn the new word photosynthesis. It is the food making process in plant that is done in the presence of sunlight and water.

Magnetic Attraction And Repulsion



Materials Required

- A number of magnets with North Pole and South pole marked on it.

Method

- Take 2 magnets and let the north pole of one magnet face the north pole of another magnet.
- Observe what happens.
- Next take 2 magnets and let the north pole of one magnet face the south pole of another magnet.
- Observe what happens and note it down.
- Repeat the 2 procedures a number of times and note down your observations.

What is Learnt

- Like poles repel each other, unlike poles attract each other.

Conclusion

- The north pole of one magnet will not attract the north pole of another magnet and will push it away. Hence like poles do not attract each other.
- The south pole of one magnet will attract the north pole of another magnet and vice-versa. Hence unlike poles attract each other.