



Leaf Activity

Thought Exercise!



- Go outside and collect as many different color leaves as possible
 - While outside, please think about why the leaves fall
- Then find a square piece of cardboard printing paper size or a printing paper.
- Find scissors and tape or glue.
- Take the cardboard, as a background, and create a collage of leaves!
 - While creating the collage, think about what causes the colors of leaves.



Example of A Collage



Explanation of Activity

- Fall is caused by the Earth moving away from the Sun.
- This lowers the temperature necessary for photosynthesis to occur due to less amount of light traveling earth.
- At the same time, the wavelength of light become longer, which causes plant to change their pigment (referred to as anthocyanin) to match the same color light to capture them for photosynthesis.
- Eventually, all the leaves fall off because the plant goes into dormancy through the winter.