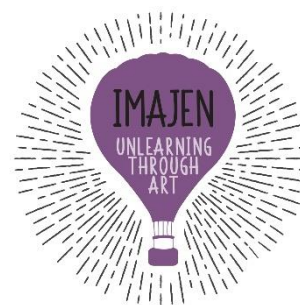


Light Boxes and Shadow Puppets Resource Sheet



New words:

1. **Refraction:** is the change in direction of a wave due to a change in its transmission medium (e.g.... air to prism)
2. **Dispersion:** the separation of white light into colours

Activity 1: What are your frictions? What stops you imagining? (words or drawings...)

Activity 2: Your interests (Spider diagram, use colour if you would like to😊)

Activity Ideas:

1. Use a large sheet suspended in a door frame or between two trees to create a large, full body, shadow puppet show!
2. Put a white (or any colour or size...) sheet of paper on the ground and make shadow puppets using the light from a window or lamp.
3. Place your light box with the screen facing upwards, put a light under your light box, and place objects onto of the screen... counting, letters, leaves...
4. Investigate fireflies
5. How is luminescence used under the sea?

