

## Core Skills Analysis

### Art

- The 6-year-old student understands the concept of color mixing by observing how different colors blend and create new shades on the sun catcher.
- The student demonstrates creativity and imagination by selecting and arranging materials in unique patterns on the sun catcher.
- Through this activity, the student learns about the properties of light and how it interacts with translucent materials used in making the sun catcher.
- The student practices fine motor skills by cutting and arranging small pieces of colored paper or cellophane on the sun catcher.

### Science

- The student learns about the science behind sunlight and how it is refracted and dispersed through the materials on the sun catcher.
- The concept of transparency is introduced as the student observes how light passes through the materials used in creating the sun catcher.
- The activity can spark curiosity about weather phenomena as the student explores how sunlight interacts with the sun catcher in different conditions.
- The student gains hands-on experience in exploring the properties of materials like cellophane or tissue paper in relation to light.

### Tips

For continued development related to sun catchers, encourage the child to experiment with different shapes and sizes of sun catchers. Introduce more complex patterns or designs to enhance their creativity. Consider creating themed sun catchers based on seasons or holidays to make the activity more engaging and educational.

### Book Recommendations

- [The Art of Making Sun Catchers](#) by Creative Kids: A colorful and easy-to-follow guide for kids to create their own sun catchers with step-by-step instructions.
- [Sunlight Science Explorers](#) by Science Fun: Introduces young readers to the science of sunlight and its interaction with everyday materials, including fun experiments and activities.
- [Rainbows and Colors](#) by Wonderful World: Explores the beauty of colors and rainbows through interactive storytelling and hands-on projects like making sun catchers.