

CREATEKIT™

Periscope Lesson Directions Overview

Equipment List

- 100 Cardboard Sheets
- 20 Glass Mirrors
- 2 Rolls Vinyl Tape (1"W)
- 4 Hot Glue Guns
- 24 Glue Sticks
- 6 Rulers

Learning Objectives

1. Students will use precise measurements to plan and cut out cardboard pieces needed to assemble a periscope.
2. Students will demonstrate their understanding of light reflection by assembling a functioning periscope.

Grade Levels: 3-8

Vocabulary Covered

- Light
- Reflection

NGSS Topics Addressed

- Waves – Light and Sound
- Engineering Design

CCMS Topics Addressed

- Measurement & Data
- Geometry