

**THE MYSTERY IN THE
OLD ATTIC**

Paper Periscope

The Boxcar Children sometimes spy on people to solve their mysteries. One of their best spy tools is this periscope. It allows the Aldens to see things that are not in their direct line of vision.

You will need: 2 half-gallon milk or juice cartons, scissors, 2 small mirrors, masking tape.

Here's what you do:

1. Ask an adult to help you cut the tops off of the milk or juice cartons.
2. Ask the same adult to help you cut a viewing square two inches wide and one inch high, one inch from the bottom of each carton. Cut only one viewing hole in each carton.
3. Tape the mirrors to the bottom and side of each carton at a 45° angle. (See drawing.)
4. Use the masking tape to connect the cartons together at their open ends. Tape the cartons so that the viewing holes are at opposite ends and opposite sides of the periscope.
5. Now you are ready to spy! Stand near something that is taller than you but low enough so the top of your periscope sticks up over it. (A fence is a good object to stand behind.) Look through the bottom opening of your periscope, and you will see what's going on over the fence!

