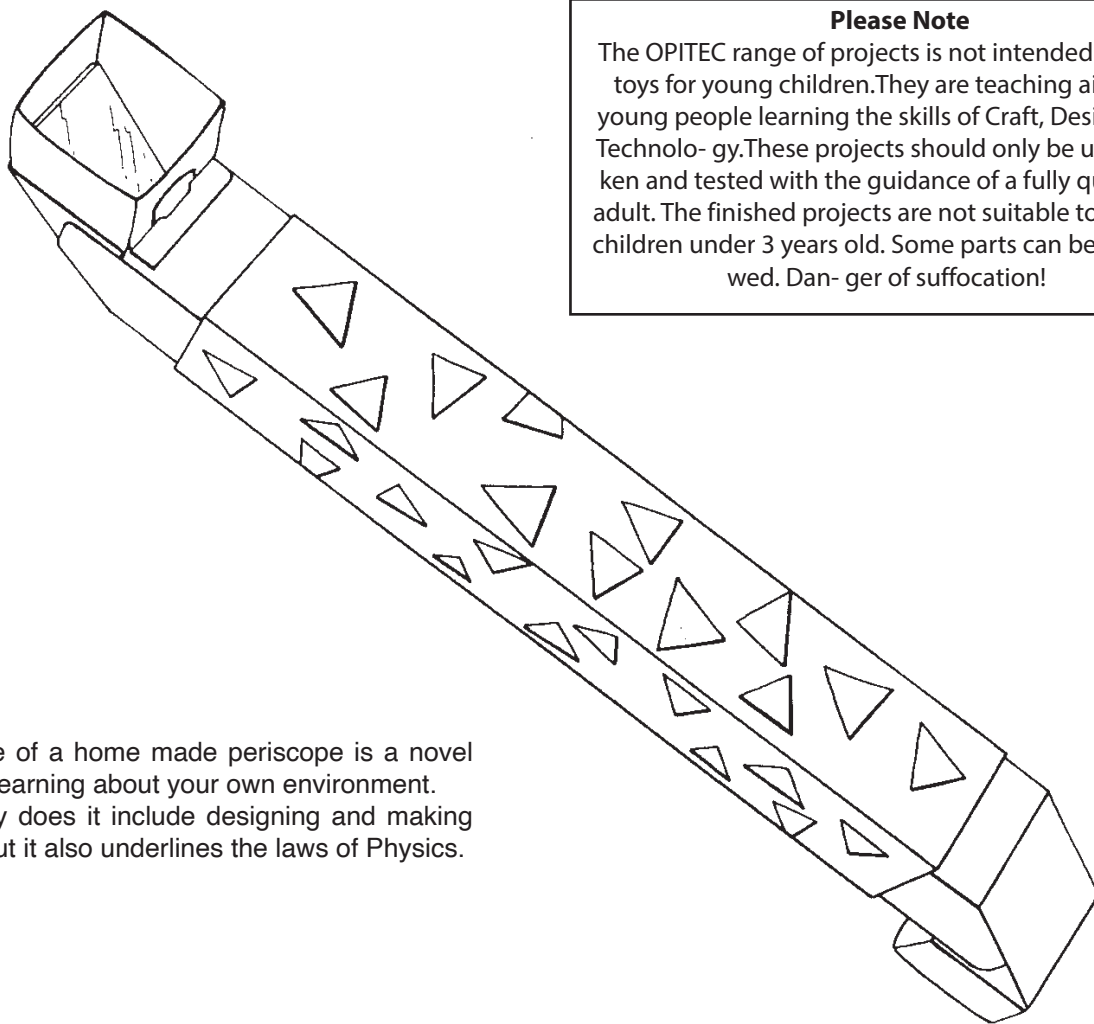


OPITEC

Hobbyfix

1 1 5 . 0 1 7

PERISCOPE



Please Note

The OPITEC range of projects is not intended as play toys for young children. They are teaching aids for young people learning the skills of Craft, Design and Technology. These projects should only be undertaken and tested with the guidance of a fully qualified adult. The finished projects are not suitable to give to children under 3 years old. Some parts can be swallowed. Danger of suffocation!

The use of a home made periscope is a novel way of learning about your own environment. Not only does it include designing and making skills, but it also underlines the laws of Physics.

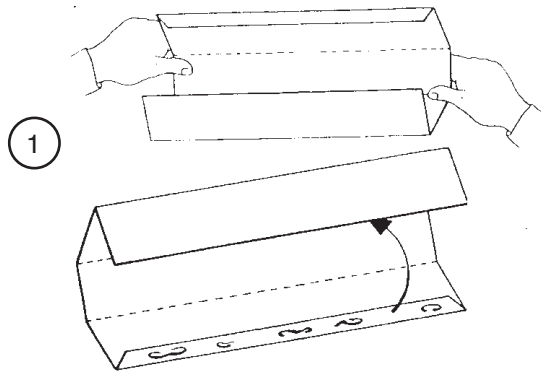
Contents:

- 2 Polystyrol mirrors
- 1 Sheet card DIN A 3 (Pre-stamped)
- 2 Sheets card DIN A 4 (Pre-stamped)
- Paper

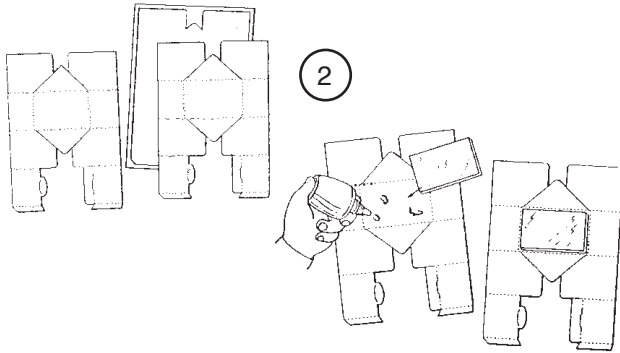
Necessary tools:

- Scissors
- Ruler
- Paint & Brush

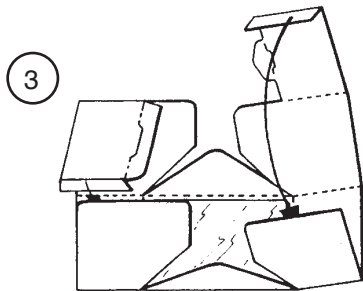
Designing and Making



- 1) Fold the A3 card along the pre-stamped lines and glue the tab so that the coloured side is outermost. The whole makes up to a square tube.

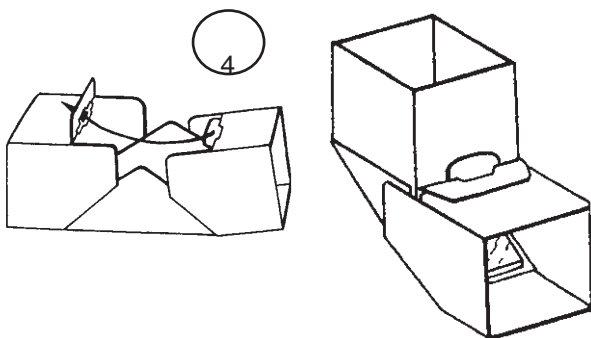


- 2) Press the parts out of the two sheets of DIN A4 card. Lay them on a table top with the rough (yellow) sides uppermost. Glue the mirror into the rectangle.

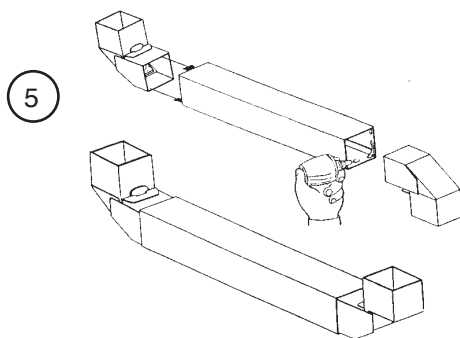


- 3) Fold the shape along the pre-made lines (see drawing) and glue the tabs.

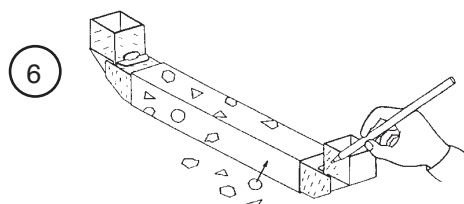
Note: Ensure that no glue gets on to the surface of the mirror.



- 4) Insert the tongue of card through the opening and fix with glue.



- 5) Insert the tongue of card through the opening and fix with glue.



- 6) The pupils can now decorate the finished periscope to their own design by painting on a design, or sticking on coloured paper.