

Saint Agnes Lighthouse

1:250 scale card model to cut out and make

Designed by David Hathaway
One A4 sheet, 38 parts
Skill rating - Intermediate

Technical Information

Location:	St Agnes, Scilly, UK	Built:	1680
Position:	49:53.7264N 6:20.3401W	Closed:	1911
Tower Height:	22 m	Light type:	coal, later oil
Height of light above MHWS:	42m	Characteristics:	not known
		Visibility:	approx. 10nm

History

Built in 1680, St Agnes lighthouse in the Scilly Isles is one of the oldest lighthouses in the British Isles (though now disused).

Originally built to burn coal as a light source, it was converted to oil in 1806 and fitted with a new lantern. The original brazier is now on display in the abbey gardens in Tresco - this is the only surviving lighthouse coal brazier in the UK.

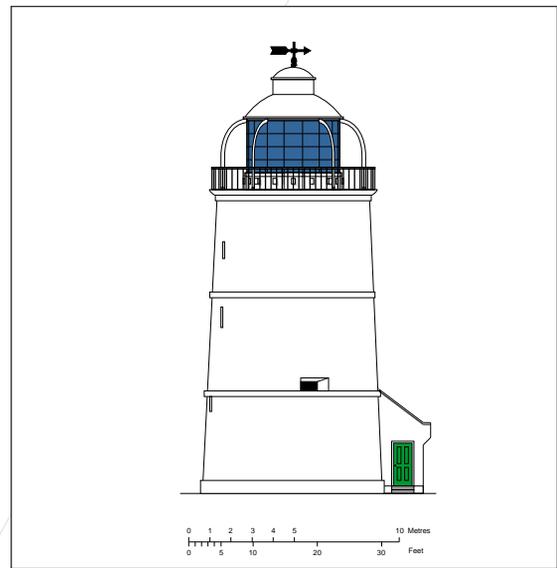
The lighthouse was built too far from the rocks that were the main danger to be reliably seen - and was often also hidden by fog, facts which led in 1707 to the loss of 4 ships from Sir Cloudsley Shovell's fleet and the death of this famous Admiral.

The tower is of particular historical and architectural interest due to the four gun-ports built into the walls at first floor level.

Other lighthouses were built in more appropriate places and St Agnes was finally decommissioned in 1911. It now serves as a private dwelling and daymark. The lighthouse is not open to the public.

Instructions

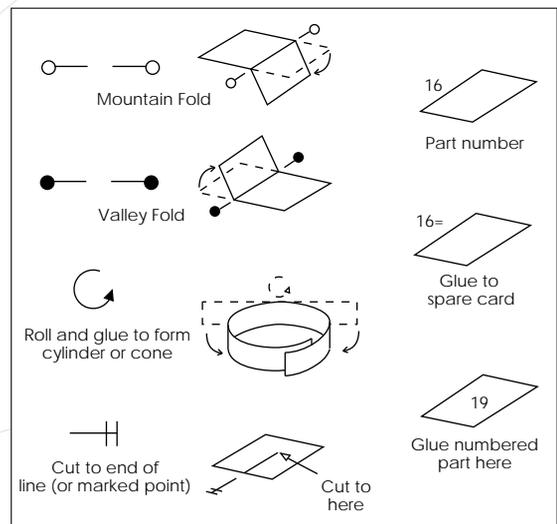
- Study and understand the scoring and cutting key shown on the right
- Read all instructions carefully and identify all parts before starting assembly
- Print out the chosen parts sheet onto light card (160-170gsm card is ideal)
- All parts should be scored along marked lines before cutting out. Use a pointed but blunt instrument, e.g. a compass point or empty ball-point pen
- Use a sharp craft knife or scissors to cut out the pieces. Children should be supervised at all times and care should be taken to avoid injuries
- Glue the base part(s) to heavy card or 2mm strawboard/greyboard
- Use clear craft glue or PVA adhesive (white glue), avoid using too much glue
- Assemble the parts in numerical order (1,2,3,...). Any sub-parts should be assembled in alphabetic order (a,b,c,...)
- The italic numbers show where the corresponding part should be glued, test-fit all parts before gluing in place
- Touch-up cut and folded edges with coloured pencils or paints
- Refer to the diagrams during assembly to help position parts correctly
- Various optional extra parts (marked *) are provided to allow a more realistic model to be built, cut away the printed area in the main part and glue the extra part behind.
- Card parts such as railings and lantern glazing can be fitted as printed or the supplied templates can be printed/photocopied onto clear plastic sheet (not supplied), overhead projector film is ideal for this.



St Agnes Lighthouse, Scilly, UK

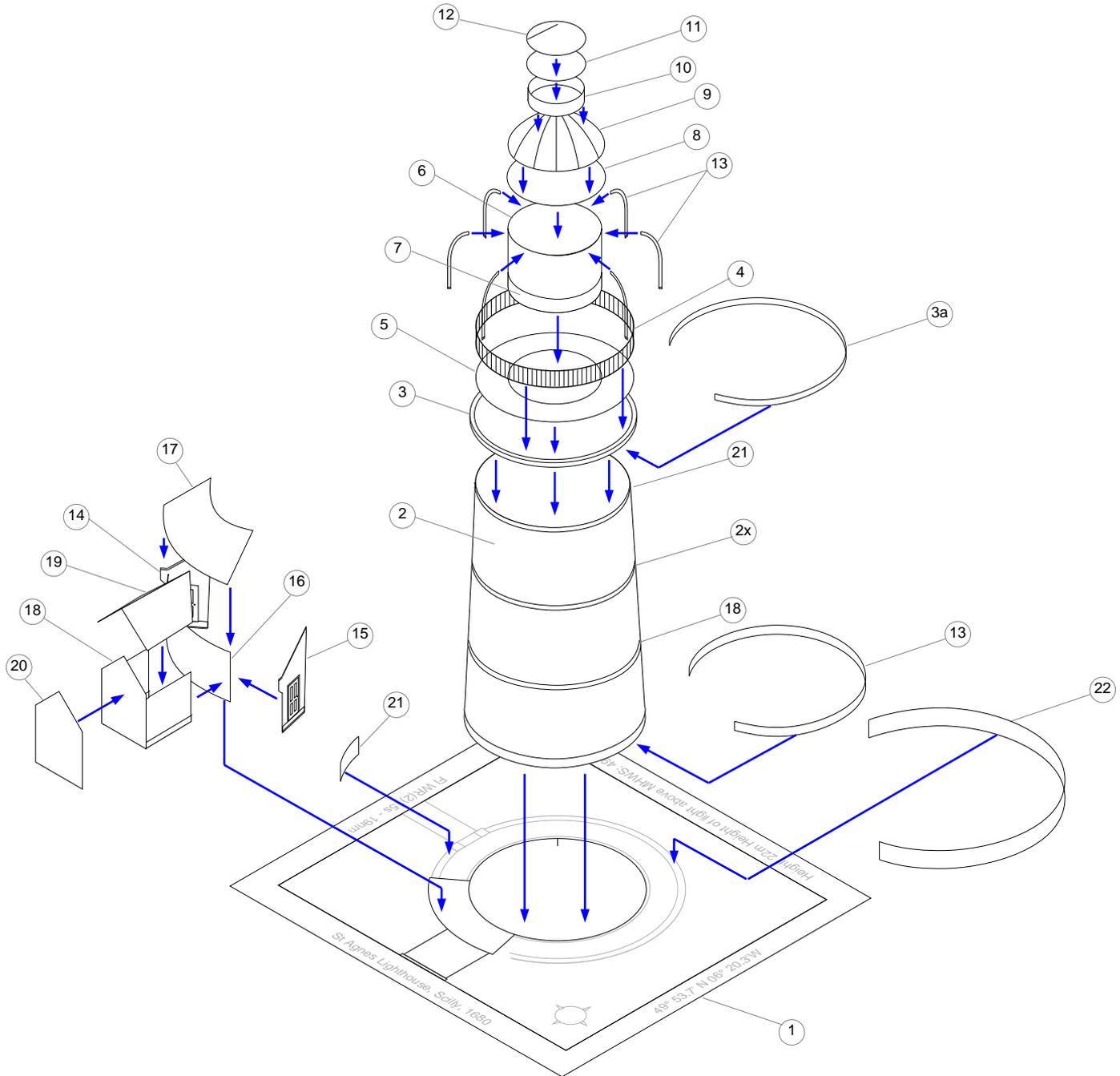


Location Map



Scoring and Cutting Key

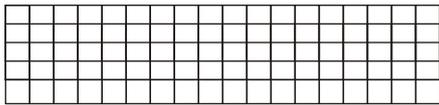
St Agnes lighthouse - Assembly diagram



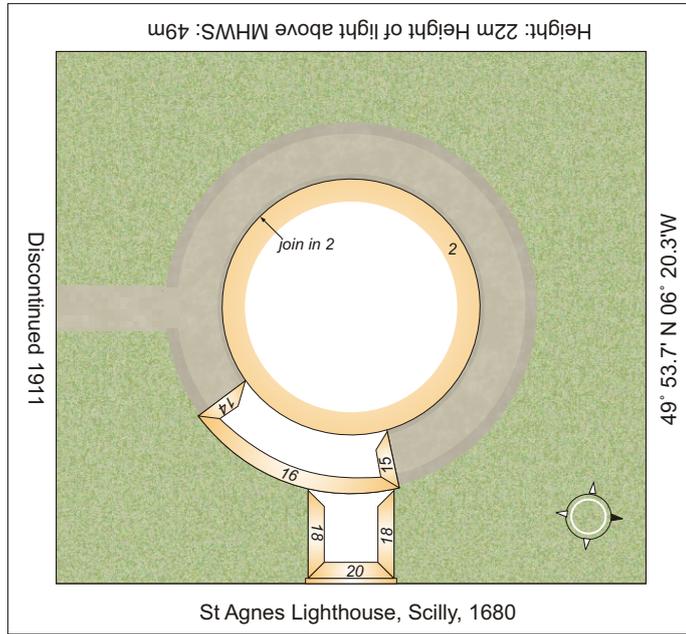
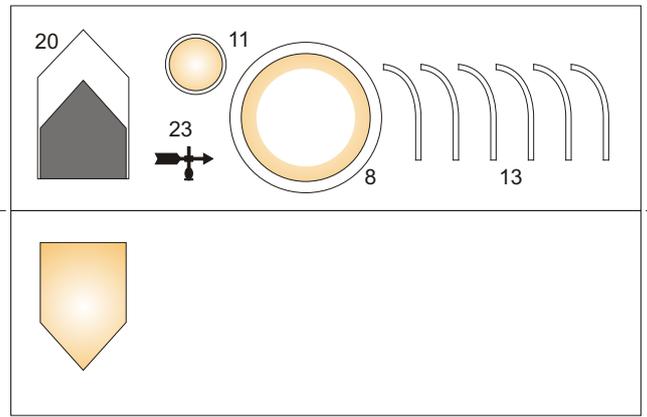


4*

Templates for clear plastic lantern glazing and railings

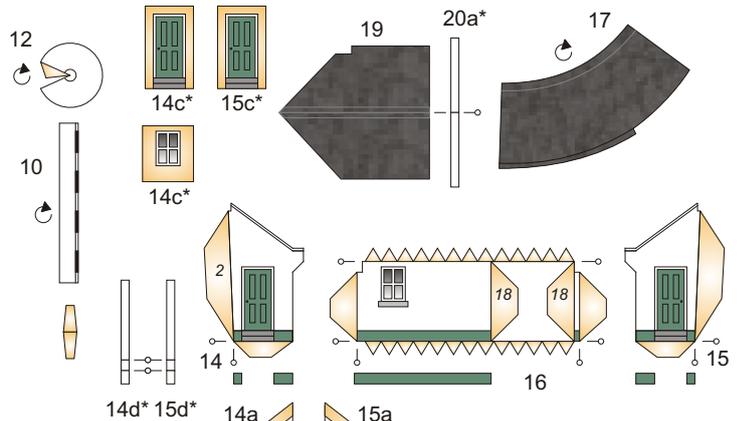


6*

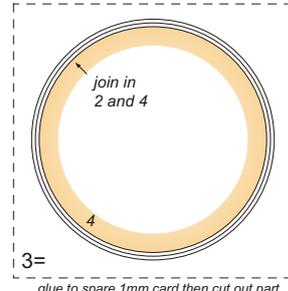
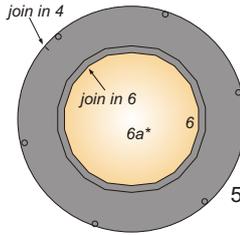
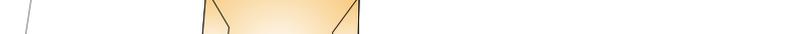
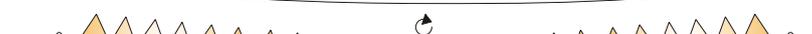
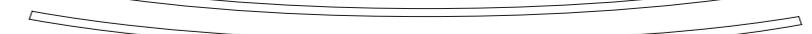
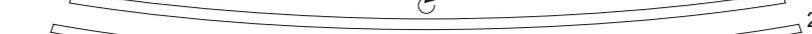
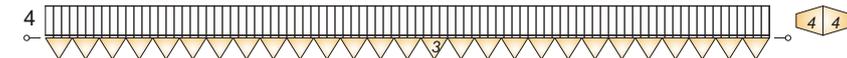
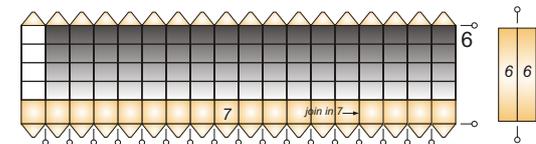


St Agnes Lighthouse, Scilly, 1680

laminare to thick card



21



glue to spare 1mm card then cut out part

