Hubble Space Telescope
Paper Model

Pattern Pieces: Print this document on cover-weight paper or cardstock.

Based on a design by Ton Noteboom
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www.hubblesite.org

Hubble Space Telescope
This model is based on the configuration after Servicing Mission 3B, conducted by the crew of STS-109 in March, 2002
**Construction tips:**
When assembling your model, keep track of which pieces are which by only cutting out the pieces you need for the particular part you are assembling, and lightly writing the number of the piece in pencil on the back.

Print this pattern onto white cardstock; it looks best in color. You may want to have extra printouts handy in case you need them.

The directions (in a separate file) can be printed on regular paper in black-and-white.

**Pattern key:**
- Cut out along outlines
- Fold along dashed lines (score before cutting out)
- Light blue areas are where glue is applied.
- This piece’s number
- Number of the piece that attaches here

**Pattern scale:**
This model is designed to be at 1:48 scale relative to the real Hubble Space Telescope. To ensure your model hasn’t been resized during printing, measure this scale.

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**The Hubble Space Telescope**

**View from front**
- Forward shield
- Solar panel
- Aft shroud
- Aperture door
- OTA bays
- High-gain antenna
- Base

**View from side**
- Forward shield
- Solar panel
- Aft shroud
- High-gain antenna
- OTA bays
- Base
Aft shroud
Aft shroud

Forward shield (6) attaches here

Front of telescope

Shaping piece (goes inside of aft shroud)
Cut out all four squares that look like:

**Forward Shield**
High-gain antenna

Aperture door
Solar Panels

dowel guide — dowels should be this length.