



K-12 Students

Space Origami: Make Your Own Starshade

Make a model of this NASA space technology designed to help capture images of planets outside our solar system! Full instructions at: go.nasa.gov/2m1QT6B

Materials

- Starshade Template
- Scissors
- Empty ballpoint pen or stylus (optional)

1. Cut it out: Carefully cut along the exterior (black) lines to remove the Starshade model.

2. Score and crease the darker fold lines: Crease each fold, individually, as follows: Blue lines are mountain folds that point up. Orange lines are valley folds that point down, as viewed from the printed side of the paper. You may use a tool – like a stylus, retracted mechanical pencil, or empty ballpoint pen – to lightly score the fold lines for easier creasing. Be careful not to tear the paper.

3. Score and crease the lighter fold lines (optional): The minor fold lines, printed in lighter colors, do not need to be creased; however, creasing them will produce a more satisfying origami

4. Fold it: After all lines have been creased, carefully fold the major fold lines, moving from the center outwards. The major fold lines will fold 180 degrees. You may hold the central hexagon flat while rotating it, gathering the folds in a spiral wrap.

