

## Materials list:

Assorted materials to test, such as:

- Construction paper, 30 pieces cut into 6-inch squares
- Card stock paper, 30 pieces cut into 6-inch squares
- Copy paper, 30 pieces cut into 6-inch squares
- Tissue paper, 30 pieces cut into 6-inch squares
- Cotton batting, 8-10 small pieces (may use square or round make-up pads from drug store)
- Fabric, 6-8 pieces cut into 6-inch squares

8-10 foam cups

1 LED or bright flashlight

1 Metric ruler

6-8 UV beads (optional)

Internet connection (may download videos in advance)

Projector and screen or computer monitor

## Additional resources:

NASA Exploration Design Challenge (EDC) Introductory Video <http://www.nasa.gov/education/edc>

NASA EDC Ask the Experts Videos (see Script for specific videos)

[http://www.youtube.com/watch?v=Jns6zInkRzk&list=PLiuUQ9asub3Q27RS9SnBb8Nj\\_7azx8tpe&index=1](http://www.youtube.com/watch?v=Jns6zInkRzk&list=PLiuUQ9asub3Q27RS9SnBb8Nj_7azx8tpe&index=1)