

Brownie Girl Scouts Space Explorer Try-It

2000 requirements

Lesson plan for doing the requirements of the Space Explorer Try-It by Glenn Holliday 2013

This is an adjunct to the guide "Try-Its for Brownie Girl Scouts". That guide has guidance for some of these activities.

Do 4 of these activities:

1. The Night Sky

Go stargazing and find some constellations.

Supplies: Any star map for the date you choose to go stargazing.

Take your Girl Scouts out on any clear night. Look at the most familiar constellations first (probably the Big Dipper).

Only try to learn a few constellations at a time.

Peoples of every land and time have stories about the stars. Look up some stories about constellations and tell them as you look at them.

A green laser pointer can help to show youth what is what in the sky. But use care. These can be dangerous if pointed at a person. Only permit responsible adults to handle a laser pointer. Check there are no aircraft in the place you want to point before you shine the laser at the sky.

Consider taking your Troop to a star party. Rappahannock Astronomy Club has information about doing this at <http://raclub.org/>.

2. The Moon

Draw the moon once a week for 4 weeks.

The moon rises and sets at a different time each day. You may have to go outside at different times, and maybe in the morning or afternoon, to get a good look at what the moon looks like in different weeks. You can consult a table of moon rising and setting times to plan this activity.

3. Ready, Set, Jet!

How would you dress for space?

The point of this activity is to have fun making up a space outfit. If you like, you can look up some information about real space suits to compare to. You can also find pictures of famous space suits from movies and TV shows.

4. Shadow Time

Use shadows to show how the earth moves.

You can follow the activity in the Try-Its guide for this one.

5. Star Maker

You can follow the activity in the Try-Its guide for this one.

This can follow after activity number 1, The Night Sky. Youth can use their own observations of the sky to make a constellation box. They can also choose to make up what they think a constellation ought to look like.