

# Space Activities



## See a constellation

Use a star map to see what constellations you might be able to see tonight.

<https://www.timeanddate.com/astronomy/night/australia/melbourne>

<https://www.scitech.org.au/explore/the-sky-tonight/>

## Build a constellation

Equipment: pencil and paper

Constellations are patterns of stars in the sky that remind you of particular shapes. Let's draw our own!

On a sheet of paper, ask someone to draw 5 – 10 dots. The dots need to be large enough to see them easily. The Joey Scout should use those dots to create their own picture or constellation – similar to Mr Squiggle!

## Building our Rocket Space Craft

Every space mission to the Moon required a rocket that was reliable, efficient and above all safe. They were designed to create as little air resistance as possible. The most aerodynamically efficient shape is the teardrop that has a rounded nose that tapers as it moves backward, forming a narrow tail.

Will your rocket make it to the Moon?

Straw Rockets – as per NASA straw rocket design

<https://www.jpl.nasa.gov/edu/learn/project/make-a-straw-rocket/>

## Build your own telescope

Equipment: Toilet paper roll, tools to decorate – paint, pencils, textas

A telescope is used to make the objects in the sky bigger so we can see them. You can create your own pretend telescope using a toilet paper roll. Decorate your telescope with paint, draw stars on it, make it look like space!

## Foil moon painting

Equipment: Foil, paper, pencil, silver/grey/white paint

A different way to paint!

Draw a moon on a piece of paper – full moon or crescent. Scrunch up a large piece of foil and use it as a paint brush. Dab the foil into the paint and then dab it onto your moon picture.

<https://www.adabofgluewilldo.com/foil-printed-moon-craft/>

## Space songs

We all know Twinkle Twinkle, do you know other space songs?

Here are some more for you: <https://www.prekinders.com/space-songs-kids/>

(We purposely chose simple songs to help you share it on Zoom!)

