

# Challenge Card

## Scouts Go Solar - Solar Art

Creative



Do you know about solar energy?  
Would you like to do some fun activities using solar energy?  
Scouts Go Solar has a range of fun activities you can complete to learn more about solar energy.

### Key SPICES Growth



Social



Physical



Intellectual



Character



Emotional



Spiritual

### Likely Scout Method Element/s



Community Involvement



Learning by Doing



Nature and the Outdoors



Patrol System



Personal Progression



Promise and Law



Symbolic Framework



Youth Leading, Adults Supporting

### Best For



Joey Scouts



Cub Scouts



Scouts



Venturer Scouts



Rover Scouts

## Plan>

Watch the Scouts Go Solar Scouting@Home video for an introduction.

Solar art is a fun way to learn more about the power of solar.

Gather the equipment you need to complete the experiment:

\*Magnifying glass (or you could try using reading glasses)

\*Paddle Pop sticks

You will need too do this activity on a day with sunny weather.

If you have any questions, please contact the National Coordinator for Better World Scouting on [betterworld@scouts.com.au](mailto:betterworld@scouts.com.au)

## Do>

1. Head outside with your equipment. You may like to wear sunglasses to protect your eyes.

2. Think about a design you would like to make on your Paddle Pop stick. You could try and burn your name, the word Scouts, or maybe some other kind of design.

3. If you want you can draw the design in pencil first on the Paddle Pop stick.

4. Hold the magnifying glass over the Paddle Pop stick and use the sun's rays to etch your design.

## Review>

1. How do you think the etching works?

2. Would solar art be effective on a cloudy day?

3. Is there another design you could try?

