

Challenge Card

Scouts Go Solar - Solar Cooking

Community



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.

Can you cook food using just solar energy?

Research some different types of solar cookers you can build yourself from basic equipment.

Decide on which type of solar cooker you would like to build.

Gather the equipment you need to complete the solar cooker.

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

Contact the National Coordinator for Better World Scouting if you have any questions.

betterworld@scouts.com.au

Do>

1. Watch the Scouts go Solar video to see Scouts in action completing solar focused activities.

Scouts go Solar program
https://youtu.be/UTM1Mb7CS_E

2. Decide on a solar cooker and build your own.

3. Test the solar cooker. Perhaps you could toast a marshmallow or pop some popcorn!

Review>

1. Did your solar cooker work successfully?

2. Is there anything you need to change in the design to make it more efficient?

3. Is there another model of solar cooker you can build and test? You could compare how long it takes to cook something in both models.

