

# Sitka Sprouts Activity Packet

## Theme: Sun

### Recommended Books:

- Rivers of Sunlight – Molly Bang (at Sitka Public Library)
- Where is the Sun? – Eric Carle
- How the Sun got to Coco's House – Bob Graham (at Sitka Public Library)
- Shine, sun! – Carol Greene
- Sun Bread - Elisa Kelven (at Sitka Public Library)
- Sun! One in a Billion – Stacy McAnulty (at Sitka Public Library)
- Why does the Sun Set? – Violet Miller
- The Sun is Kind of a Big Deal – Nick Seluk
- Sun – Steve Tomecek (at Sitka Public Library)
- Under Alaska's Midnight Sun – Deb Vanesse (at Sitka Public Library)
- Hello Sun! – Hans Wilehlm



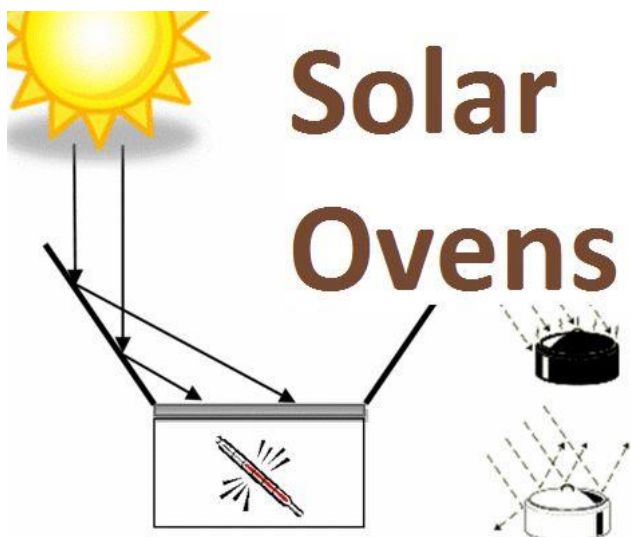
# Solar Oven

## Materials Needed:

- Shoebox (or other box with lid – pizza boxes work great too!)
- Aluminum foil
- Black paper
- Tape
- Markers or other decorating supplies
- Bottle caps (for knobs on oven)
- Graham cracker
- Marshmallow
- Chocolate

## Instructions:

1. Decorate the outside of your box with markers, stickers, or other decorating supplies (use bottle caps as oven knobs!).
2. Cover the top inside of your box with tin foil and use tape to secure it (this will help reflect light to the inside of your box).
3. Cover the bottom inside of the box with black paper (this will help absorb heat).
4. Get a graham cracker, piece of chocolate, and marshmallow and place them inside your box on the black paper.
5. When you see the sun come out, go outside and place the box open in the sun.
6. Let it sit until your chocolate starts to melt!



# Watercolor Sun Catcher

## **Materials Needed:**

- Coffee filter
- Watercolor paints or food dye and water
- Paintbrush
- Hole puncher
- String
- Optional: construction paper for animal or shape cutout

## **Instructions:**

1. Punch two holes on either side of the coffee filter and attach a string.
2. Paint the coffee filter using watercolors OR mix a few drops of food dye with water and use this as your watercolor paint.
3. Hang your suncatcher in a window to enjoy!



# Nature Collage Sun Catcher

## **Materials Needed:**

- Clear contact paper
- Leaves, flowers, other natural materials
- String
- Hole puncher

## **Instructions:**

1. Take the lining off one piece of contact paper.
2. Place leaves and petals on the sticky side of the contact paper.
3. Take the lining off the other piece of contact paper and place it on top.
4. Punch two holes on either side of your contact paper.
5. Tie a string to the top of your sun catcher and hang in your window!



# What Melts in the Sun?

## **Materials Needed:**

- Muffin tray
- Recording sheet (see separate attachment)
- Random objects - some recommendations below:
  - Lego
  - Ice
  - A wooden block
  - A rock
  - Butter
  - A cube of cheese
  - A marble
  - A Quarter
  - Chocolate
  - A crayon
  - A cube cut off a bar of soap

## **Instructions:**

1. Put your objects in each slot of the tray.
2. Place the tray in the sun and set a timer for 10 minutes.
3. Check on your objects after 10 minutes has gone by – have any things melted?
4. Set the timer for another 10 minutes and check again.
5. Continue to do this until your crayons start to melt.
6. Use the attached recording sheet to make predictions and record your results!

