

The Size of the Sun

In this activity, your child will continue their investigation into the size and distance of our Sun.

What You Need:

- 110 1" diameter round blue stickers (plus a few extras)
- Masking tape
- One sheet of yellow poster board

What to Do:

- Mark a 9-foot diameter circle on the floor with tape. Put a line of tape across the center of the circle, marking the equator. The circle represents the Sun.
- Label the poster board "Sun" and tape it to the floor in the middle of the circle.
- Invite each child to place one sticker along the line marking the Sun's middle. Have them place the stickers next to each other without any space in between.
- Have each child number their sticker; the first child marks their sticker with a "1." The next child labels their sticker "2," and so on. Be sure not to miss any numbers or get them out of order.
- Each sticker represents the size of the Earth compared to the Sun. How many stickers do you think will fit in a line across the Sun? Check as the day progresses and other children place their stickers to see what the answer is.

Parent Prompts:

How big is the Sun compared to Earth?
(The Sun is huge! About 110 Earths will fit in the line across the Sun,
and over a million Earths could fit inside the Sun!)

