Astronomy Homework – Sun Exploration

(Choose 2 or 3 to try)

1. **Sunrise or Sunset Tracking** 🌅
   - Pick sunrise or sunset.
   - On **Day 1** and **Day 5**, go outside and draw what you see.
   - Optional: draw more days in between.
   - ASK: Did it look the same? Did it happen at the same time?
2. **Shadow Play** 👤
   - Go outside in the morning, at noon, and in the afternoon. Trace your shadow with chalk or mark it on paper.
   - Compare: Which shadow was longest? Shortest?
3. **Sun vs. Shade Warmth** 🌡️
   - Place two jars or cups of water outside—one in the sun, one in the shade.
   - Feel the difference after an hour. Which is warmer?
4. **Sun Helps Food Grow** 🍎
   - Look through your kitchen and pick a few foods that grew because of the sun (fruit, vegetables, bread made from grain, etc.).
   - Draw a “Sun-Powered Plate” showing the sun shining on your foods.
5. **Sun Prints** 🎨
   - Place leaves, toys, or cutouts on dark construction paper.
   - Leave it in the sun for a few hours, then check the shapes left behind.

