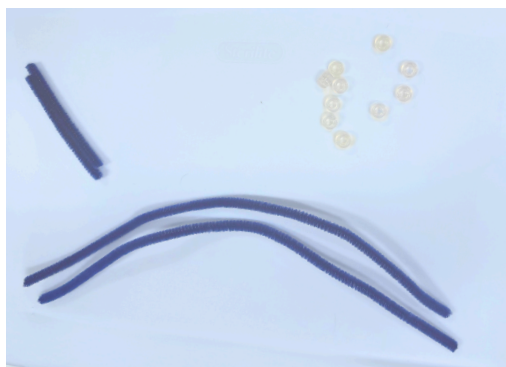


SOLAR CHAMELEON

UV or Ultraviolet Beads are special beads that change color when exposed to sunlight. Inside the bead are elements that react to the UV rays from the sun, like tiny color-changing switches. The sun doesn't just give us light, it also sends out energy we aren't able to see. These beads allow us to see that the sun is always sending out energy, even when we can't see it all.

Supplies Needed:

- Two Long Pipe Cleaners
- 2 Short Pipe Cleaners
- 10 UV Beads



Some of the energy from the sun can be collected. This is called solar energy and can be collected with solar panels. Though these big, flat objects don't change color when they are exposed to the sun's energy- they turn the energy into electricity! Just like the UV beads show us the sun's energy is there, solar panels can be used to power our homes and schools all with energy from the sun. Solar energy isn't perfect, but it is an important part of Utah's energy mix!



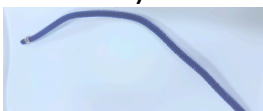
Scan here for a video tutorial!



SOLAR CHAMELEON DIRECTIONS

To Make the Head:

1. Taking one long pipe cleaner and one bead, slide the bead onto the very end.



2. Gently bend and curl the end of the pipe cleaner around the bead to form a small rounded head shape.



To Make the Body:

3. Using the other long pipe cleaner, wrap it around a pen, pencil or your finger to create a tight coil.



4. Slide the beads onto the spiral pipe cleaner, spreading the beads evenly.



To Make the Legs and Tail:

5. Gently slide the spiral body onto the long pipe cleaner with the head. Push the body close to the base of the head.



6. Fold a short pipe cleaner in half and place near the front of the body to make the front legs. Twist gently to secure.



7. Place the other short pipe cleaner toward the back of the body to make the back legs.
8. The remaining long pipe cleaner is the tail, curl this into a spiral or simple curve to make the shape.

