

Staycation Science Projects

Day 1—Making Slime

You will need:

- 2 ounces of water
- 4 ounces of white glue
- 1/3 cup liquid starch
- Glitter

Directions

1. Mix 2 ounces of water and 4 ounces of glue
2. Add several drops of food coloring and mix
3. Add 1/3 cup of liquid starch and mix.
4. Add glitter and mix.
5. Enjoy many hours of playing with your slime
6. Store in a plastic container or bag

Day 2—Storm in a Jar

You will need:

- An empty water bottle (16 oz) or similar container
- Water
- ¼ cup (2 ounces) cooking oil (or more for a bigger jar)
- Food coloring
- Glitter (if desired)

Directions

1. Fill the jar/bottle ¾ full with water
2. Finish filling the jar with oil
3. Add food coloring and glitter
4. Put on the lid tightly
5. Shake your jar to make a storm!

Day 3—Making a Telephone

You will need:

- Two paper or plastic cups
- A pen or pencil or something sharp to poke a hole in the bottom.
- About two yards of twine
- Two matchsticks or small pieces of wood to anchor the twine inside the cup

Directions

1. Poke a small hole in the bottom of each cup
2. Push one end of the twine/string through the bottom of each cup.
3. Pull the twine through the cup, then tie the twine to the stick so the twine can't fall out.
4. Pull the twine back out.
5. You need a partner for this one. Each of you take one end of the "telephone." Hold the twine taut (straight without touching it). Have them speak into their cup while you put yours to your ear. You should be able to hear whatever they say! Take turns.

Day 4—Baking Soda Hearts

You will need:

- Baking soda
- Water
- Food coloring
- A heart-shaped mold or cookie tin or some other receptacle to freeze it (preferable a small one)
- Vinegar

Directions

1. Pour enough baking soda into the bowl to fill your mold or cookie cutter.
2. Add enough water to make a paste.
3. Add food coloring.
4. Put the paste into the mold and freeze for 2-3 hours
5. After 2-3 hours, take your baking soda heart and place it in a bigger bowl.
6. Drop a few drops of vinegar onto the heart and see what happens!

Day 5—Get Moving

You will need:

- A length of string/twine (about 4 feet)
- Two chairs to tie the twine
- A balloon
- A straw
- Tape

Directions:

1. Tie one end of the string to a chair or solid object.
2. Thread the straw through the string
3. Tie the other end of the string to another chair or solid object.
4. Blow up your balloon but DON'T tie it closed.
5. You might need help for this step. Tape the balloon to the straw, holding the balloon closed.
6. When you are ready, let go of the balloon and see where it goes!