



Year 6 Perfect Polymers - Chemistry in Action

STUDENT WORKSHEET

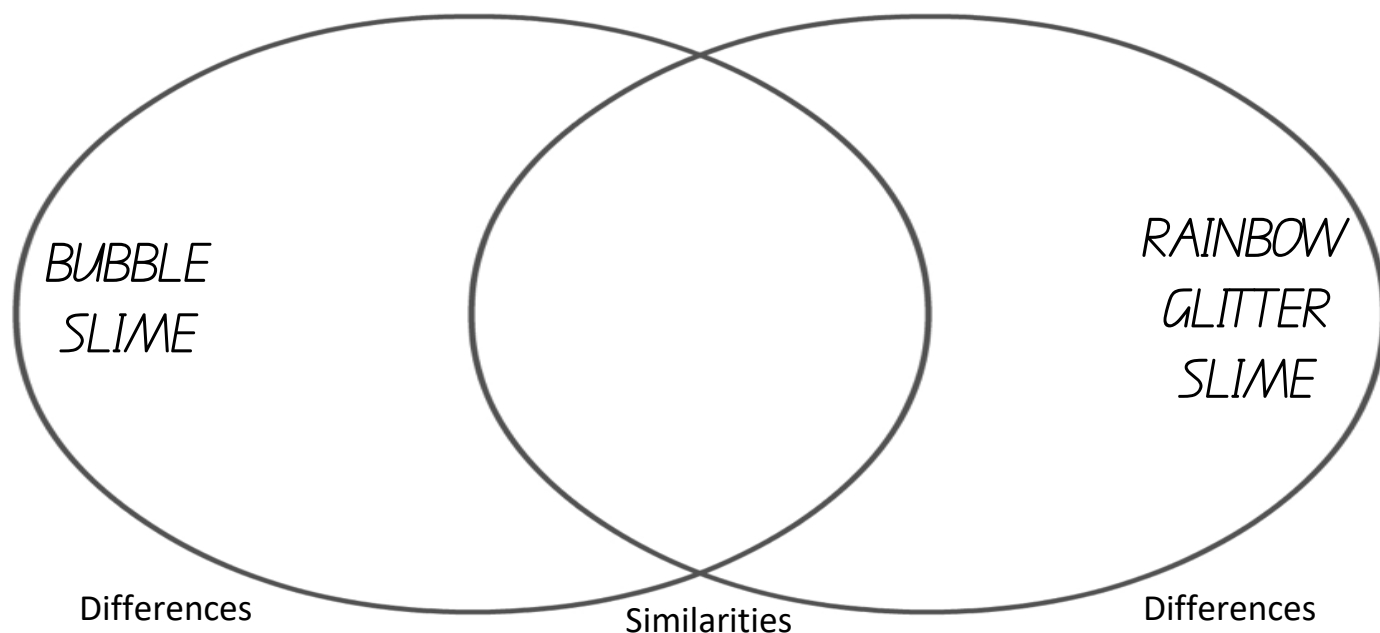
As a Street Science junior scientist, you used **fair testing** to observe how changing a **variable** can affect results, and how changes to materials can be either **reversible or irreversible**.

1. In your first experiment, you ran a **fair test** to find out how changing one **variable** affected the physical properties of your slime. In the table below, identify which materials were kept constant and which were variable.

Materials: PVA solution Cornflour Activating agent Glitter

CONSTANT (kept the same)	VARIABLE (changed)

2. We used **adjectives** to describe properties of the slime.
Add adjectives to the Venn diagram below to summarise **differences and similarities** in the physical properties of your two polymers.





3. In science, we say some changes are easily **reversible** while others are **irreversible**. Use a dictionary (or the internet) to find the definitions of these words:

Reversible - _____

Irreversible - _____

4. For each of the experiments you completed with Street Science, identify if they are reversible or irreversible and explain why.

The slime experiment was _____ change because

The snow experiment was _____ change because
