REFRACTION CIRCUS OBSERVATION SHEET

**WATER MAGNIFIER**

Draw a picture of what the newspaper writing looked like before the water drop was put on the plastic.

Write down any extra notes or comments about what you think might be happening.

Draw a picture of what the newspaper writing looked like after the water drop was put on the plastic.

REFRACTION CIRCUS OBSERVATION SHEET

**THE SURPRISING COIN**

Record what happened when the water was slowly poured into the cup.

Draw pictures or diagrams to help.

**OIL, WATER AND A PENCIL**

Draw a picture of what the pencil looked like when it was completely upright in the jar.

Draw a picture of what the pencil looked like when it was tilting to one side in the jar.

Write down any extra notes or comments about what you think might be happening.

**AMAZING ARROWS**

Record what happened when you move the card with the arrows on it behind the jar.

Draw pictures or diagrams to help.