**Probability/ Chance Investigation Ideas**

**Here are some suggestions to help you generate your own idea for an investigation. Use them for inspiration, or, if you are really stuck, you can try one out.**

1. **Roll dice 20 times and record your results.**
2. **Create a spinner and record the colours that you spin.**
3. **Place a collection of different coloured counters in a bag, mix them up and pick one out, replacing the counter each time.**
4. **Play rock, paper, scissors and record whether rock, paper or scissors wins each game.**
5. **Record the colour of cars passing by.**
6. **Draw cards from a shuffled deck and see what you get.**
7. **Close your eyes and type a key on a computer or tablet. Record which keys you typed.**

**See the next page for a planning and record sheet to help you with your investigation.**

**My chance experiment is called:**

**Equipment I will need:**

**What I am going to do:**

**My prediction is:**

**Chance experiment results:**

**My prediction was: (correct or incorrect)**

**If you were to complete the investigation again, do you think your results would be the same? Why/ why not?**