

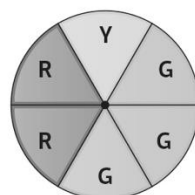
Master 35: Activity 10 Assessment

Conducting Experiments

Exploring the Likelihood of Events Behaviours/Strategies

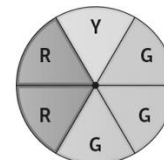
1. Student creates a bag or spinner, but is unable to use a chance word to describe the likelihood of events and/or complementary events.

2. Student uses a chance word to describe the likelihood of events, but decision is based on beliefs or what he or she wants to happen.



"It is more likely that the pointer will land on yellow because yellow is my favourite colour."

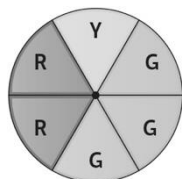
3. Student uses a chance word to describe the likelihood of events, but always uses *impossible* or misuses some chance words (e.g., mixes up *more likely* and *certain*).



"It is certain that the pointer will land on green because there are more green parts."

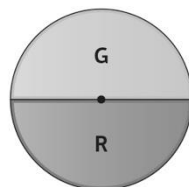
Observations/Documentation

4. Student uses a chance word to describe the likelihood of events, but struggles to justify thinking.



"It is more likely that the pointer will land on green, but I don't know how to explain it."

5. Student describes the likelihood of events, but does not understand why results of experiment do not match prediction.



"It is equally likely, but I got 12 green and 8 red. What did I do wrong?"

6. Student successfully describes the likelihood of events and performs simple experiments to verify predictions.

Observations/Documentation