

Plan a fair test to answer the question in box number 1.

1. Which supermarket has the strongest plastic carrier bags?  
Is it Tesco, Sainsburys, Safeway or Asda?

3 What I think will happen / Prediction.  
  
Reason

5. This is how I will carry out the test / Method.  
You could draw a labelled diagram to help.

2. What I will need / Equipment / Apparatus

4. How I will make it a fair test.

6. This is how I will measure which bag is the strongest.

This is how I will present my results.

**Level 3**  
Can put forward their own ideas about how to find the answer to a question.  
Can plan a fair test with some help.  
Can begin to explain why it is fair.

**Level 4**  
Can decide on an appropriate approach to answer a question.  
Show how to vary one factor while keeping the rest the same.  
Make predictions and give reasons.  
Choose suitable equipment.  
Beginning to use scientific language.

**Level 5**  
Identify appropriate approach to answer a question.  
Identify key factors to decide on a fair test.  
Correctly select apparatus, show how they will use it.  
Give suggestions as to how to present their results  
Make predictions based on scientific evidence.  
Using scientific language regularly.