

LO: To set up a fair test to test the effectiveness of different cleaning cloths.

What makes a good cleaning cloth?

- Strong – doesn't tear
- Absorbent – holds lots of liquid
- Size – large enough/too large
- Cost – does not cost too much

Any more ideas?

Have an array of cleaning cloths to explore. Imagine these have been left by cleaning company reps for the music festival organisers to decide which ones they want to buy. A kind of 'try before you buy' scenario! The festival cleaning team needs the best cloths in the business to keep on top of spills and mess in the toilets, food areas and catering areas.

Your task today is to explore a range of fabrics to determine their absorbency.

You will then plan a fair test investigation to help you to design a new cleaning cloth that holds the most liquid, and can be used at the music festival.

Spend some time gathering and exploring a range of different fabrics that could be used.

What similarities do you see?

What differences are there?

Follow the steps on the following slides to investigate which of your fabrics is the BEST!

Ideas for Method

How can we test the Absorbency of the fabric

Fair test – what do we need to do to make the test fair?

What variables must we keep the same (constant) each time?

Materials/Equipment

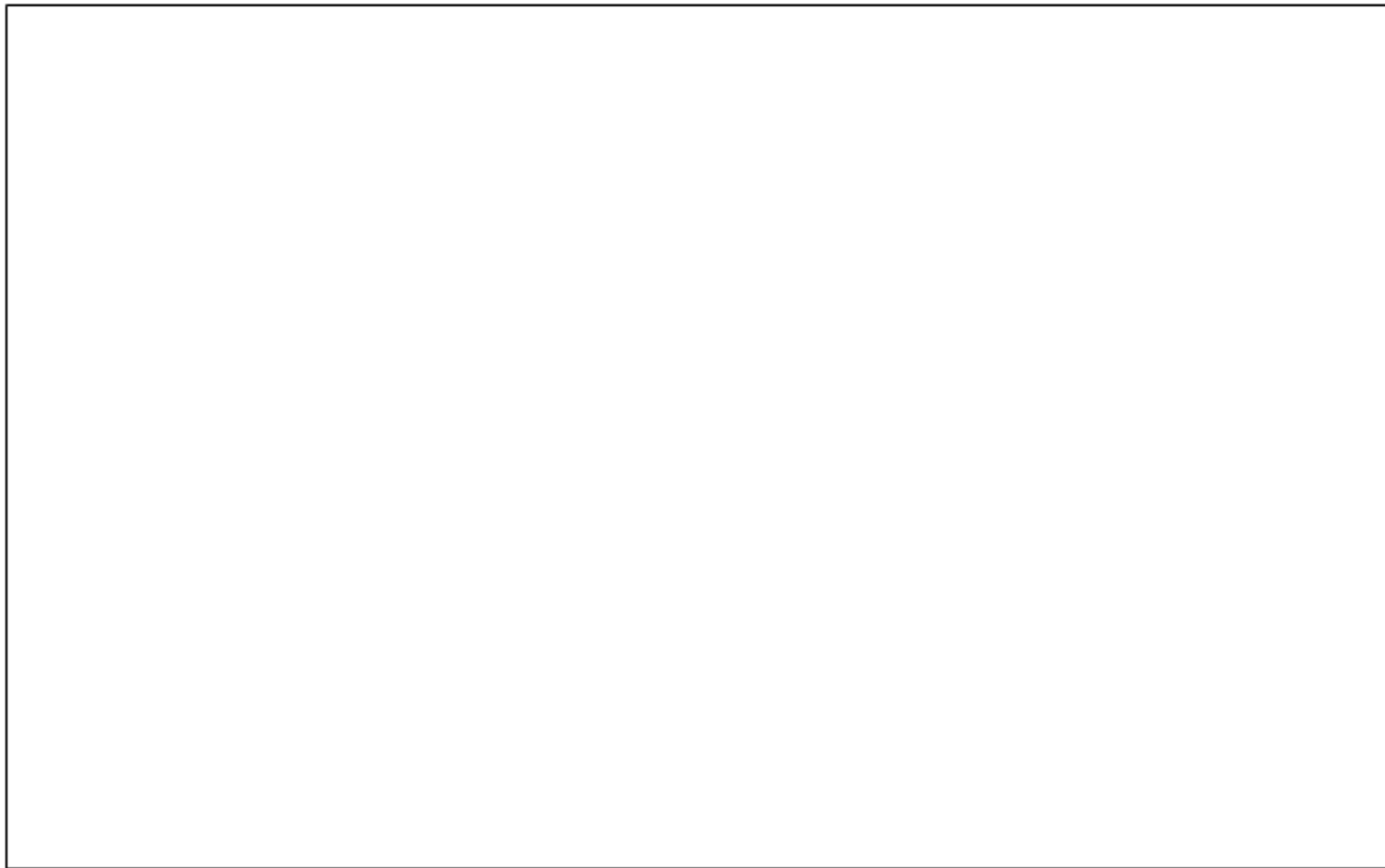
What things do we need to complete this test?

Method

Explain what you are going to do to test the Absorbency

Diagram

Draw a diagram to support your explanation in the Method.



Fabric	Absorbency – How much liquid can it hold?

Conclusion

Make some concluding statements about your results using **comparative** language,
