

LO: To use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating

Prediction

I predict that

Equipment List

- Funnel
- 600ml muddy water
- Beaker
- Weighing Scales
- White Filter Paper
- Jam Jars
- Tissue
- Paper Towel
- Kitchen Roll
- Brown Filter Paper

Method

Fair Test

Working Scientifically:
Taking measurements, using a range of scientific equipment,
with increasing accuracy and precision

Results

Filter	Tissues	Green Paper towels	Brown Filter paper	Kitchen Roll	White filter paper
Weight of water before filter (g)					
Weight of Water after (g)					
Difference in water weight (g)					
Rank of colour - 1 = clearest, 10 = fully brown.					

Conclusion

From the table, we can see that the _____ made the water the clearest and the _____ caused the biggest difference in weight. The most effective filter was _____ and the least effective was _____. My prediction was _____.

Scientist's Notes

Working Scientifically:
recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, and bar and line graphs

A graph to show -

