

# LABELS: Picking the best equipment to help to solve the current question

1. Pre cut the labels.      2. Sort into three groups:What?, Where? & Why?      3. Match a family of three

Spectroscopy	DIAMOND LIGHT SOURCE	What is this dinosaur bone made from?
Synchotron	DIAMOND LIGHT SOURCE	How does ice cream change when it melts and then refreezes?
Measuring Cylinder	School Cupboard	How much water is needed for a plant to grow well?
Electromagnet	DIAMOND LIGHT SOURCE	How can the light beam be directed exactly?
Synchotron	DIAMOND LIGHT SOURCE	What do unknown viruses look like? Eg EBOLA
Balance	School Cupboard	How much sugar can a plant make over three weeks?
Sieve	School Cupboard	How can we separate gold from dirty water?
Non destructive X ray Imaging	University of Manchester X ray imaging	Is a new material safe to use for flight?
Non destructive X ray imaging	University of Manchester X ray imaging	How does a battery change during its lifetime?