

# Modelling for students

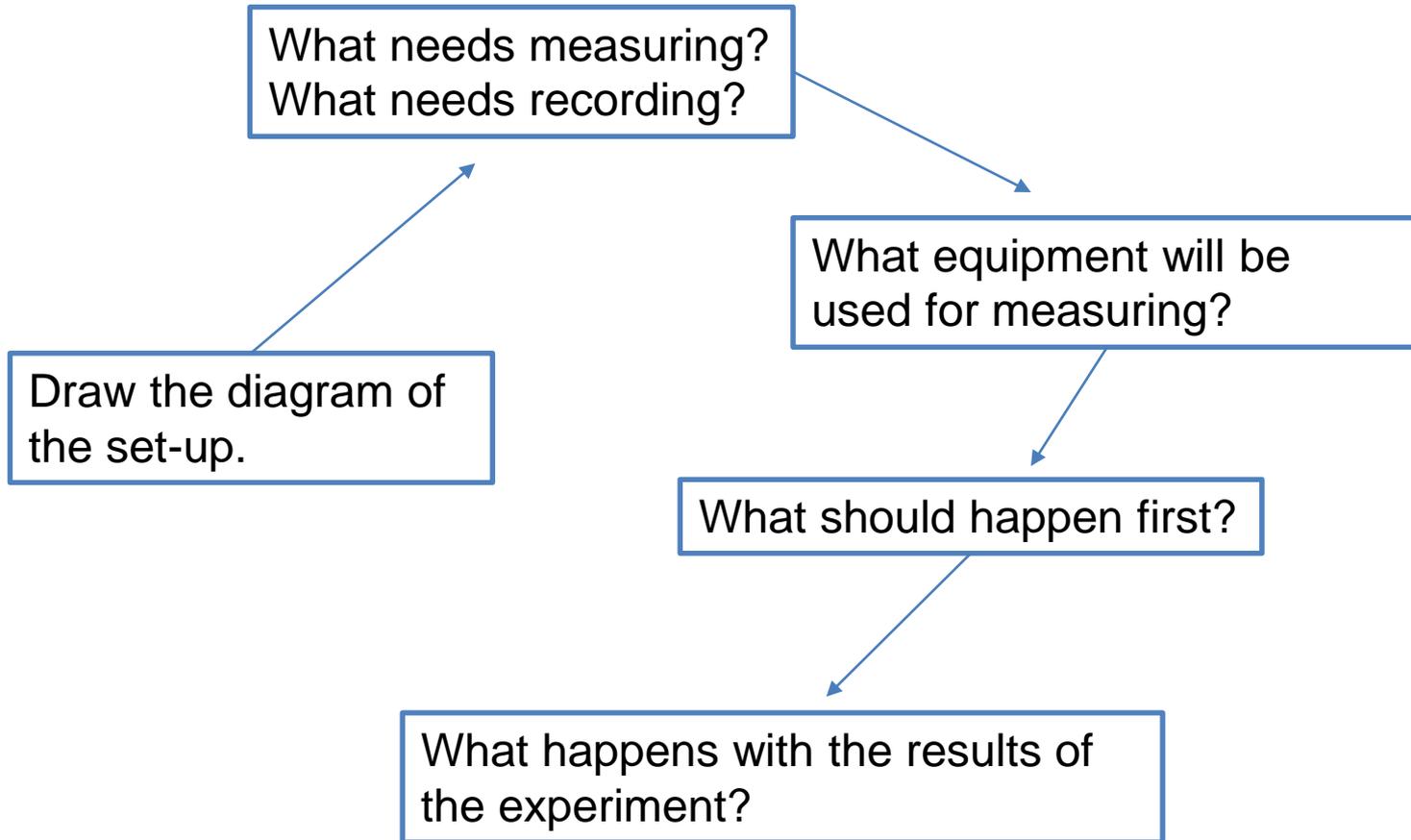


# Answering six-mark exam questions

Level	Answer	Marks
0	No relevant information.	0
1	One or two correct statements, but an incomplete answer.	1 or 2
2	A few correct statements with explanations. Steps/facts omitted. Not organised logically.	3 or 4
3	Question is answered fully in a logical manner. A number of points explained and related back to question. Conclusions supported by evidence.	5 or 6



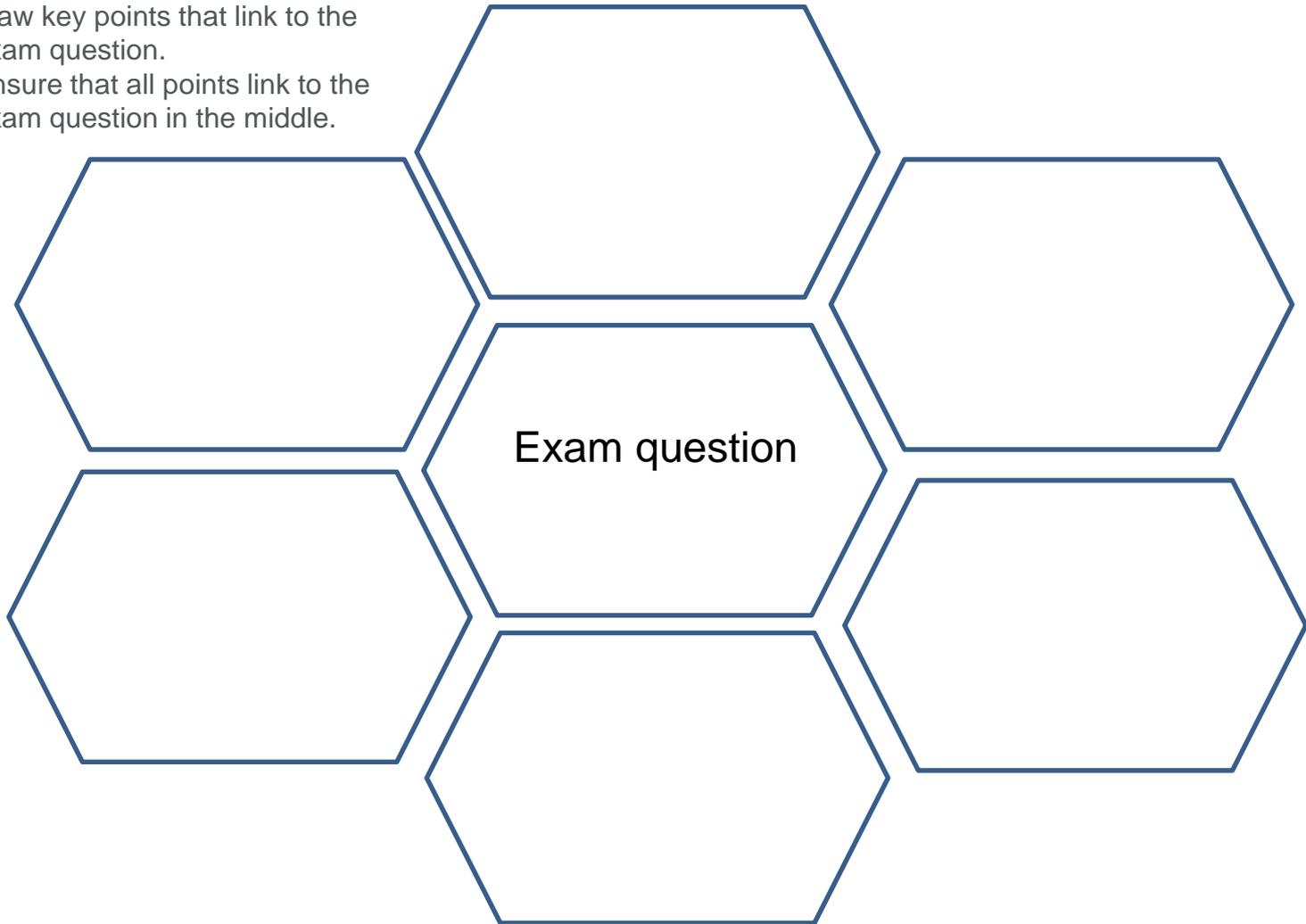
# Planning example 1



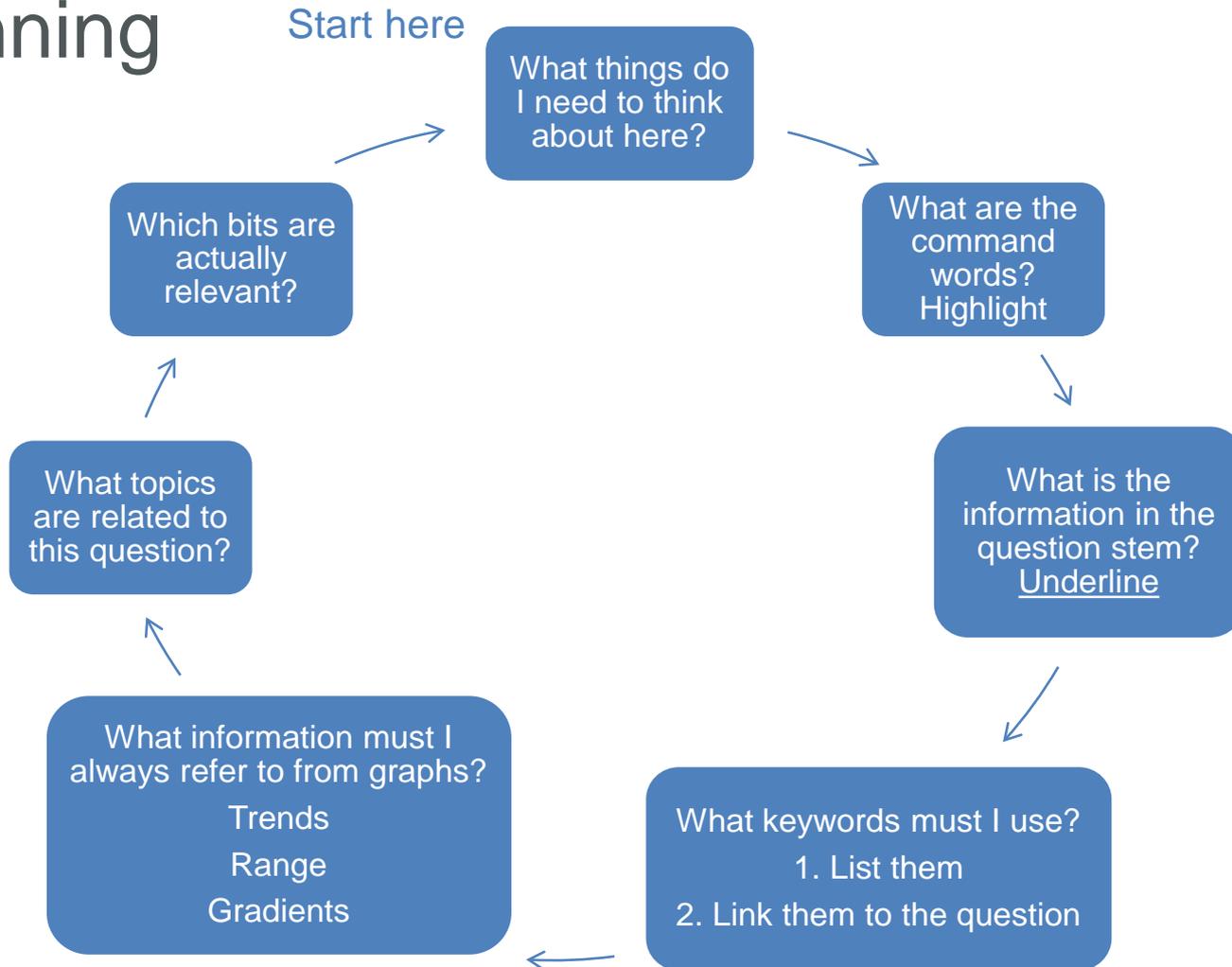


# Planning example 2

In each empty box, write or draw key points that link to the exam question.  
Ensure that all points link to the exam question in the middle.



# Use these questions to structure your planning





# Structure and clarity

- You must be clear when writing.
- Check spelling, punctuation and grammar.
- Ensure your handwriting is legible.
- Write in full sentences (paragraphs or bullet points).

## Style 1

1. Set up equipment as shown (diagram).
2. Measure length of the sheet of A3 paper under the ripple tank using a long ruler (record in cm/m).
3. Leave the ruler on the sheet.
4. Switch room lights off and turn on the lamp. Start power pack.
5. Use phone to video or take a photo of the shadows of the waves.

## Style 2

Collect all the equipment and set it up as shown in the labelled diagram. Use a long ruler to measure the length of the A3 sheet of paper, and record this length. Make sure your work area is safe. Switch off the room lights, turn on the lamp and then start the power pack. Measure the number of waves passing a fixed point in 10 seconds and use this to calculate the wavelength.



# Required practicals

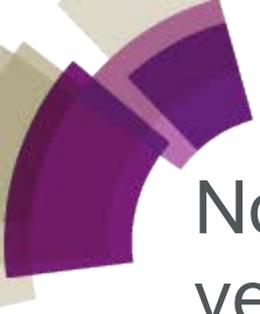
- Use diagrams.
- Start with 'set up the equipment as shown in the diagram'.
- Use CIDER to ensure you include the most important aspects.

C	Control
I	Independent
D	Dependent
E	Equipment, explanations
R	Risk assessment, recording data



How would you plan your answer?

A large empty rectangular box with a thin blue border, intended for writing a response to the question above.



Now you have planned it, write your own version and use this as a revision tool.

Prep.

Name:

Date:

CIDER? Keywords? Spelling? Explained why you do something? Logical? As much detail?