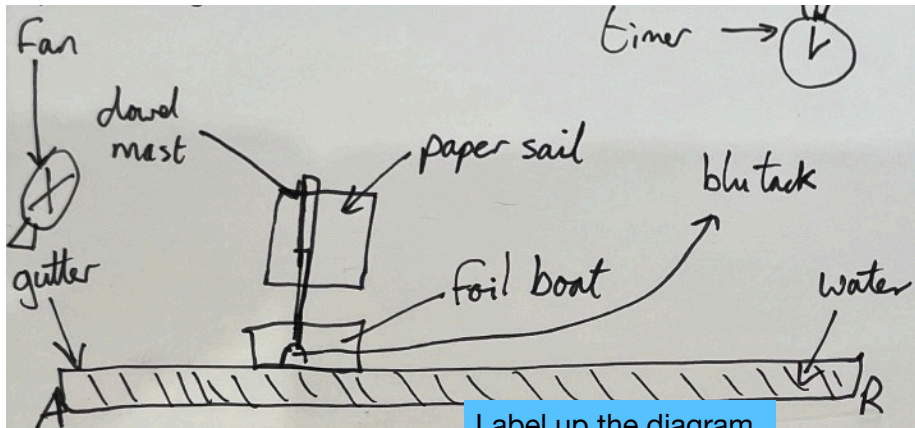


Question:

How does the size of a sail affect how long it takes a boat to complete a journey from A to B?

Experiment diagram:



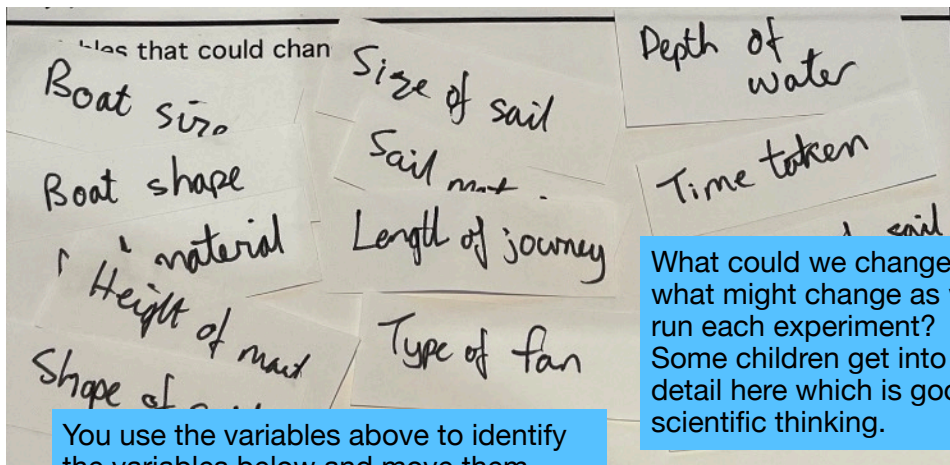
Label up the diagram
identify resources

Results

Size of sail	Time taken
10cm sq	
20cm sq	
30 cm sq	
40 cm sq	

The two identified variables now become your table titles (and graph axes if plotting results). There is room here to run and record each experiment a number of times for added reliability of conclusion (or not!)

Variables that could change:



You use the variables above to identify the variables below and move them.

What could we change or what might change as we run each experiment? Some children get into real detail here which is good scientific thinking.

Conclusions:

Answer the question but also add any new information that was discovered and potentially what else they could have tried to test.

How could I make the experiment more accurate?

Very important to reflect on limitations of what they have done to improve next time but ask consider how confident they are in their conclusion.

Variable we will change:

Size of sail

Variable we will measure:

Time taken