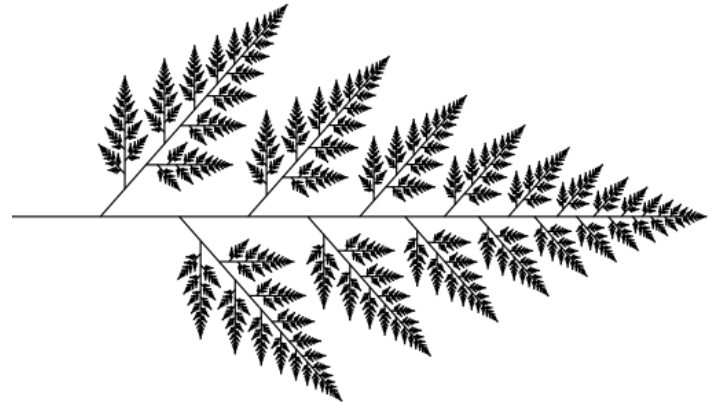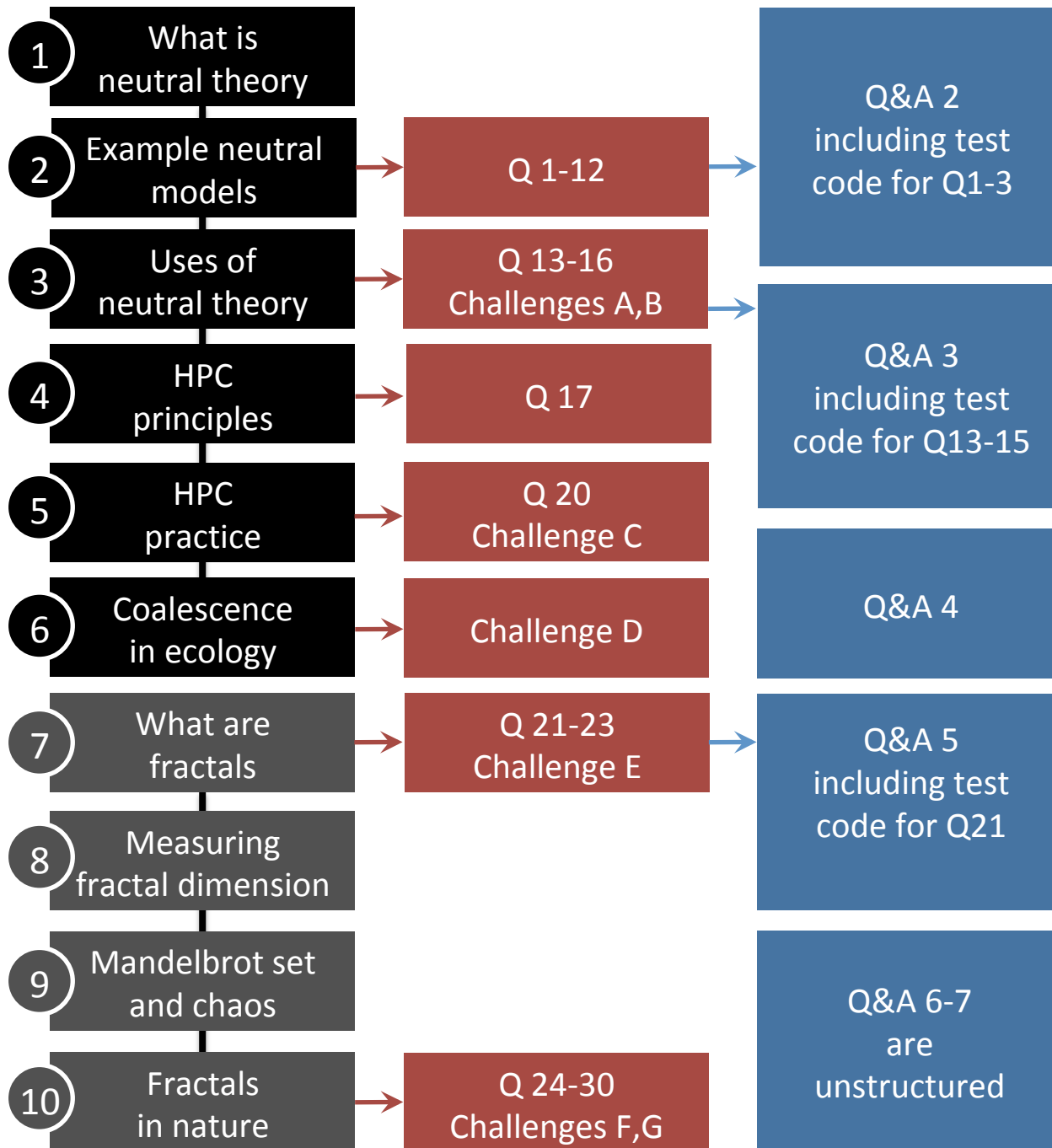# How will the course be run this year

- 10 recordings (2.5 hours total)
- 7 Q&A sessions (7 hours)
- 7 Practical sessions (16 hours)
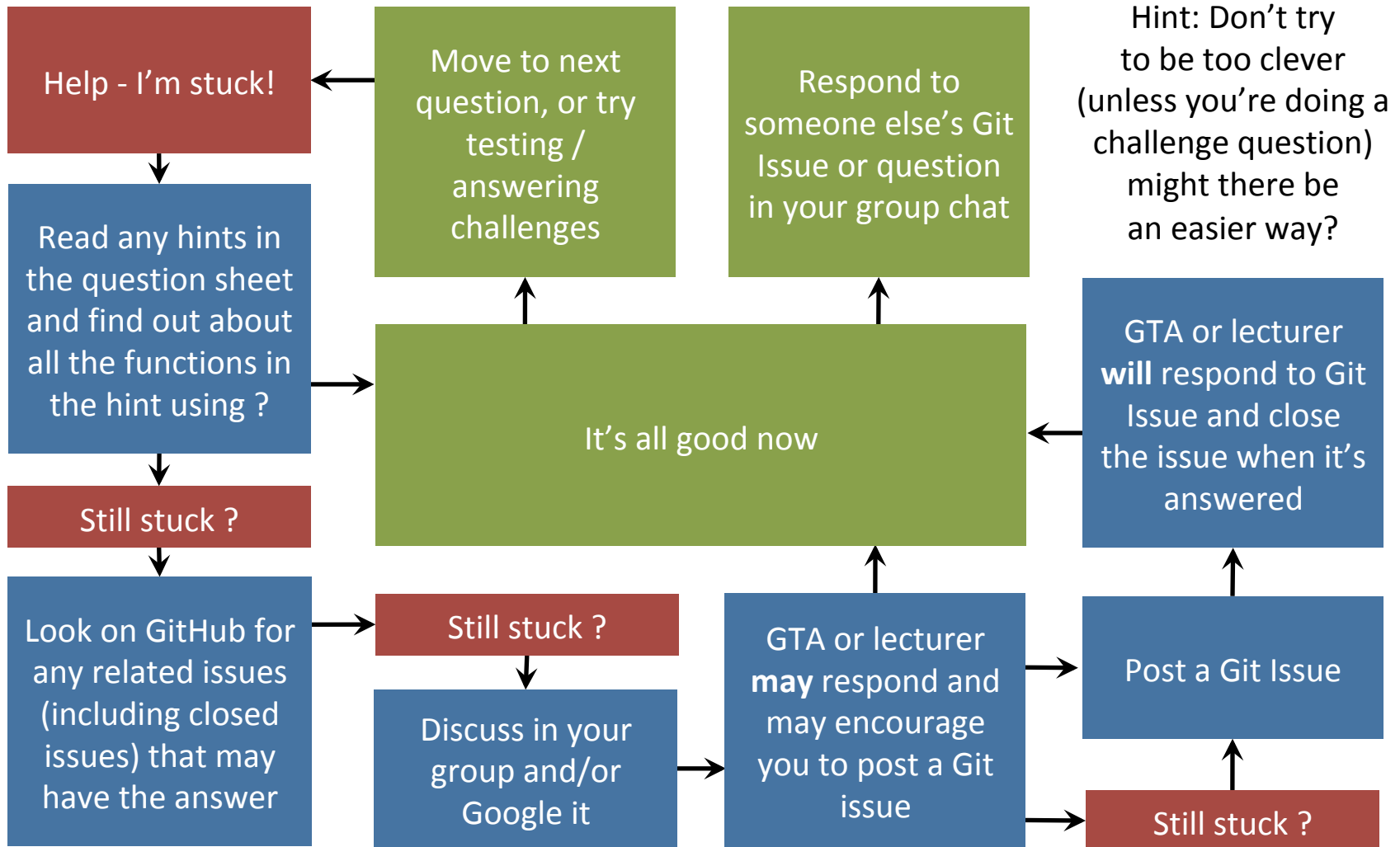- 1 practical to hand in (4% of mark)

This is mostly about learning coding by doing

- The worksheet is hard
- Challenge questions are open ended
- Look at the mark scheme
  - 60% main questions
  - 8% written answers
  - 8% quality of graphs
  - 8% quality of code
  - 16% open ended challenge questions

1 What is neutral theory			
2 Example neutral models	Q 1-12	Q&A 2 including test code for Q1-3	
3 Uses of neutral theory	Q 13-16 Challenges A,B		
4 HPC principles	Q 17	Q&A 3 including test code for Q13-15	
5 HPC practice	Q 20 Challenge C		
6 Coalescence in ecology	Challenge D	Q&A 4	
7 What are fractals	Q 21-23 Challenge E	Q&A 5 including test code for Q21	
8 Measuring fractal dimension			
9 Mandelbrot set and chaos		Q&A 6-7 are unstructured	
10 Fractals in nature	Q 24-30 Challenges F,G		

Practical sessions running throughout

Flow chart of work

Help - I'm stuck!

Move to next question, or try testing / answering challenges

Respond to someone else's Git Issue or question in your group chat

Hint: Don't try to be too clever (unless you're doing a challenge question) might there be an easier way?

Read any hints in the question sheet and find out about all the functions in the hint using ?

It's all good now

GTA or lecturer will respond to Git Issue and close the issue when it's answered

Still stuck ?

Look on GitHub for any related issues (including closed issues) that may have the answer

Still stuck ?

GTA or lecturer may respond and may encourage you to post a Git issue

Post a Git Issue

Discuss in your group and/or Google it

Still stuck ?

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How will the course be run this year

- For Q&A sessions 2-5 each team to have 1 thing to ask (or to tell)
- GTAs will circulate all groups during practical sessions
- There is a Facebook page for CMEE