Revision Strategies

Create a revision plan… NOW!

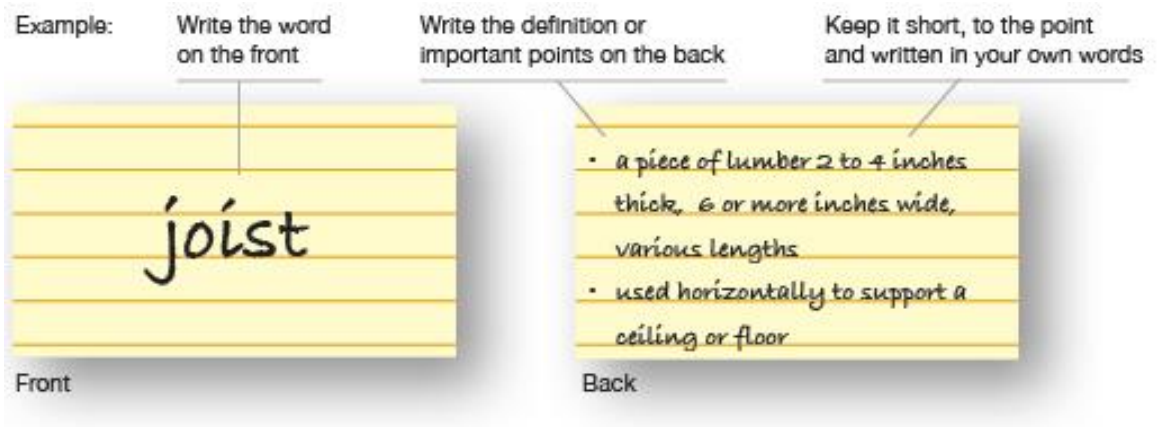
- Distributed revision and interleaving of topics (switching between topics) is proven to have high impact on memory

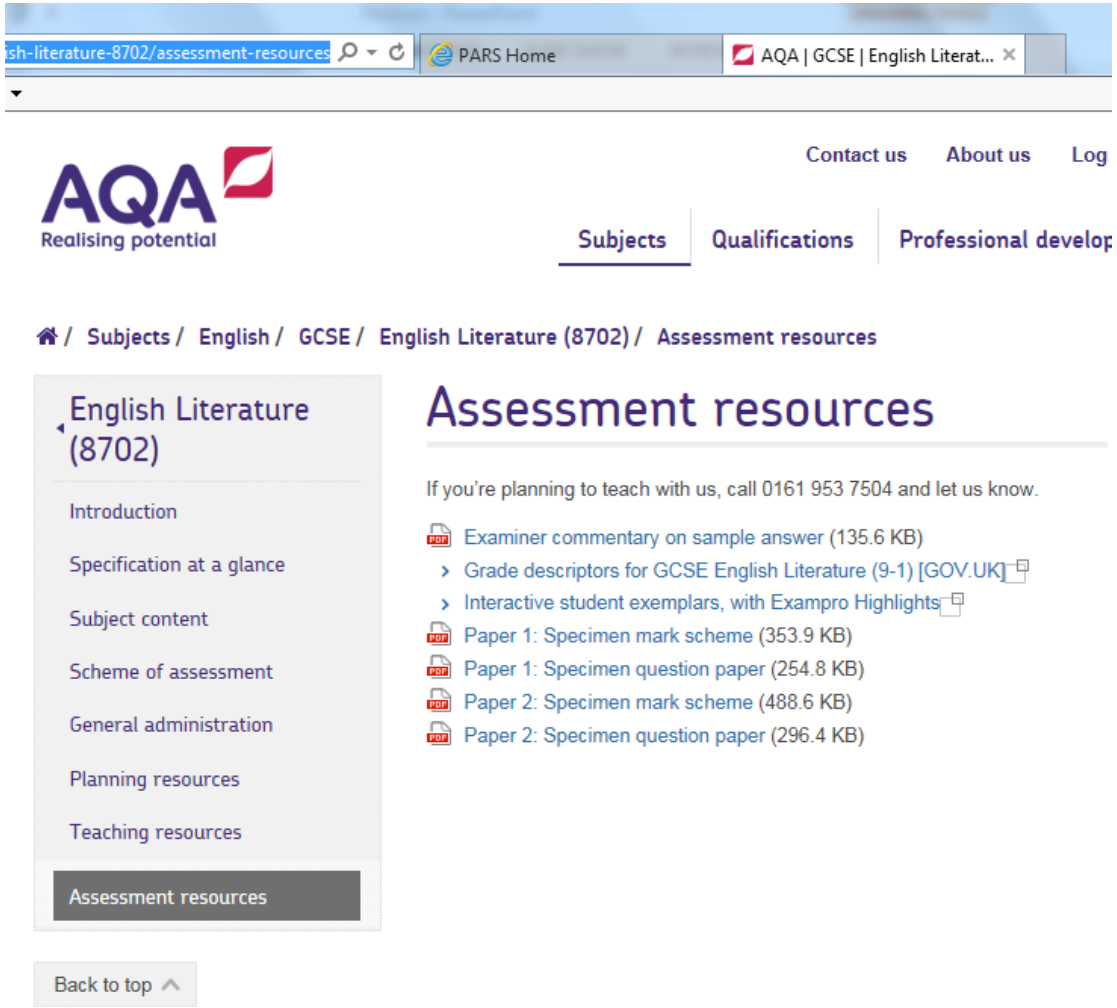
- Create a rota that can be repeated for the long term (until about March)

Week 1	Week 2	Week 3	Week 4	Week 5
Geography	Textiles	English Lit	English Lan	Computer Sci
Maths	French	Biology	Chemistry	Physics

Past paper questions and self-testing

- Use past papers to develop exam technique – self-assess using the mark schemes available
- Self-testing to check knowledge e.g. flash cards





COMMAND TERMS

- Ask your teachers for the command terms from the specification you are studying.
- Create yourself a command term and definition match up game to ensure you know your command terms
- Play every now and then to check your understanding of the command terms

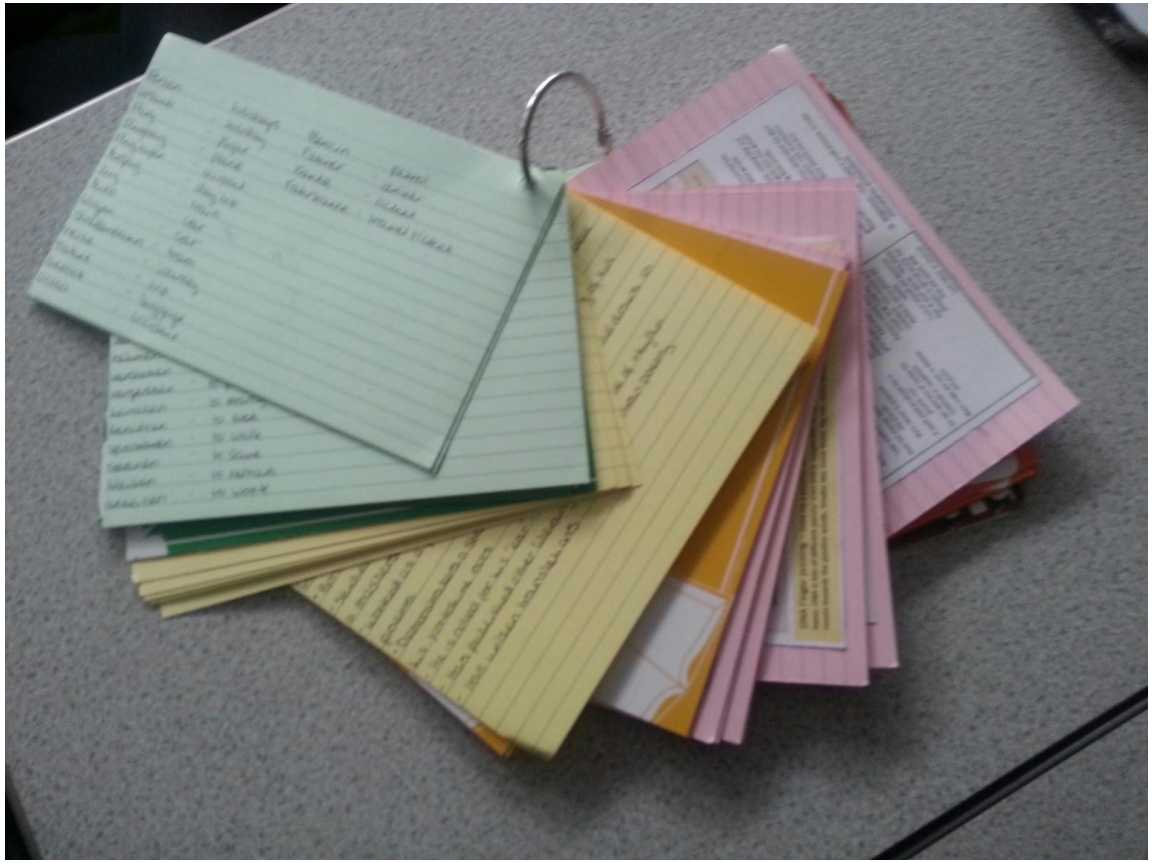
RAG rate exam content

- Print off a copy of the exam spec if you don't have topic content sheets
- Exam content
- RAG rate it at the start of the topic/revision process
- RAG rate again at the end of the topic/revision process.

Anything in RED make your revision **priority**

The challenge of natural hazards.		RAG	
Content	**Key words / skills**	**Before**	**After**
1. Natural hazards pose major risks to people and property (1)	Hazards, types of hazards, risk, vulnerability		
2. Plate tectonics theory. (1)	Core, mantle, crust, continental, oceanic, ridges, trenches, earthquakes, volcanoes		
3. Plate margins (2)	Sea floor spreading, convection currents, magma, subduction, earthquakes, volcanoes, stratovolcano, shield		
PPQ 1			
4. Earthquakes (2/3)	Foci, epicentre, Richter scale, primary & secondary effects, immediate & long term responses, monitoring, prediction, preparation, planning		
5. Volcanoes (3/4)	Lava, cone, vent, magma chamber, crater, shield, stratovolcano, effusive, explosive, pyroclastic flows, primary & secondary effects, immediate & long term responses, monitoring, prediction, preparation, planning		
PPQ 2			
6. Global atmospheric circulation (1)	Circulation models, pressure, wind		
7. Tropical storms (1)	Distribution, formation, structure		
8. Tropical storms (2)	primary & secondary effects, immediate & long term responses, monitoring, prediction, preparation, planning		
9. UK Extreme weather (1)	Depression, storm, anticyclone, drought, flood, storm surge		
10. UK Extreme weather (2)	Cause, social, economic, environmental impacts, management, magnitude, frequency		
PPQ 3			
11. Climate change (2)	Evidence – glacial, CO2, ice, pollen, tree rings, pictures Cause – Milankovitch, solar, volcanoes, greenhouse gases, enhanced greenhouse, global warming		
12. Climate change (1)	Sea levels, agriculture, water, health		
13. Climate change (1)	Mitigation, adaptation		

Flashcards

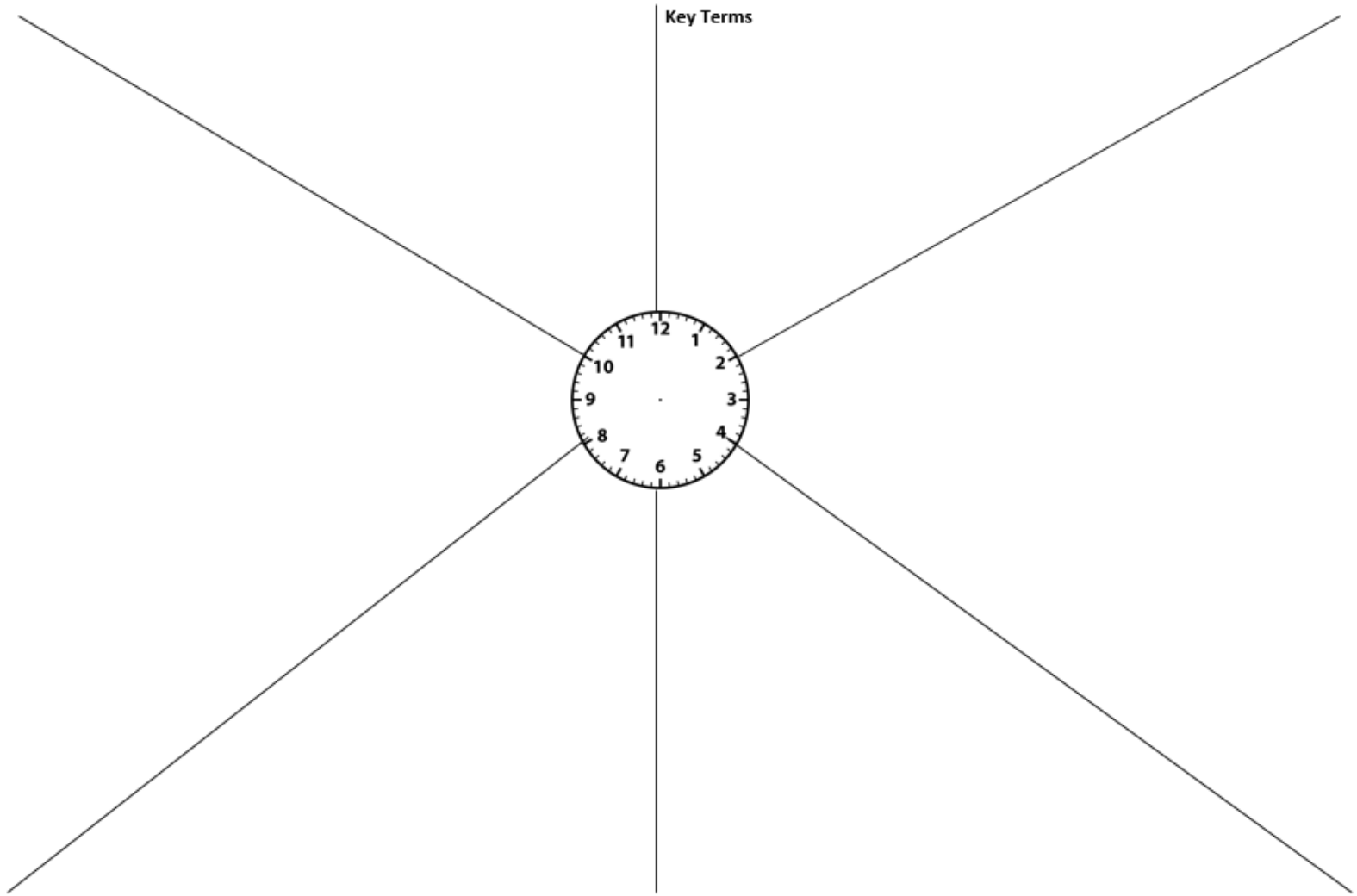


- During or at the end of a topic summarise your notes onto flashcards which you can refer to later

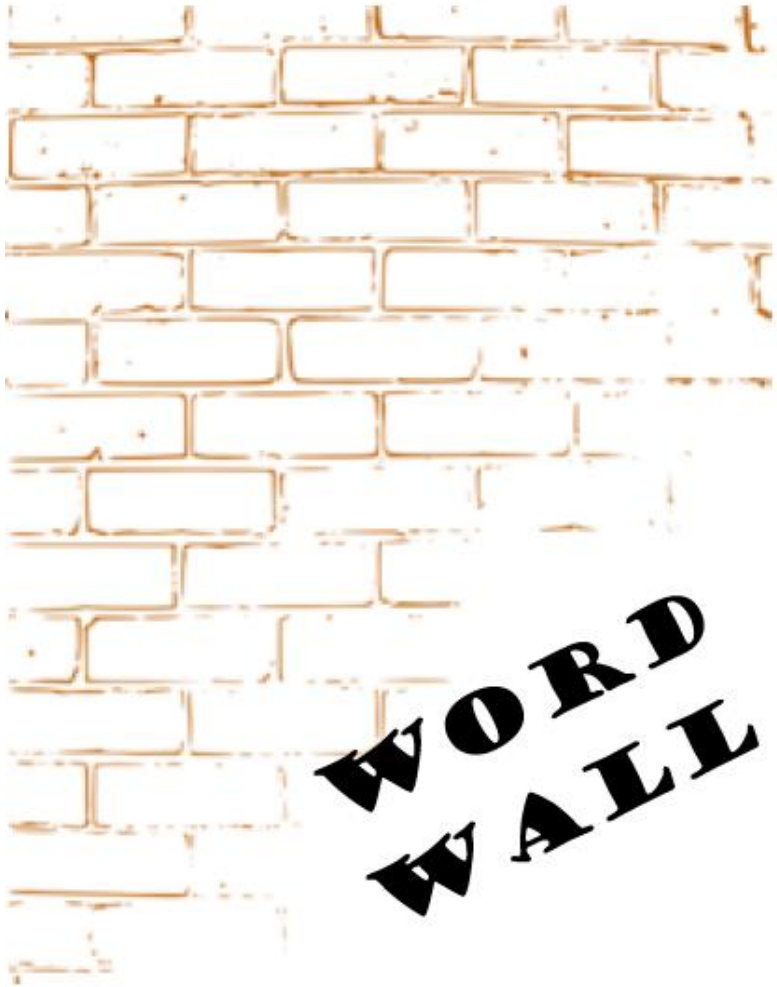
Around the Clock

- 1 hour of your time.
- 1 revise one topic

Key Terms



Word Walls

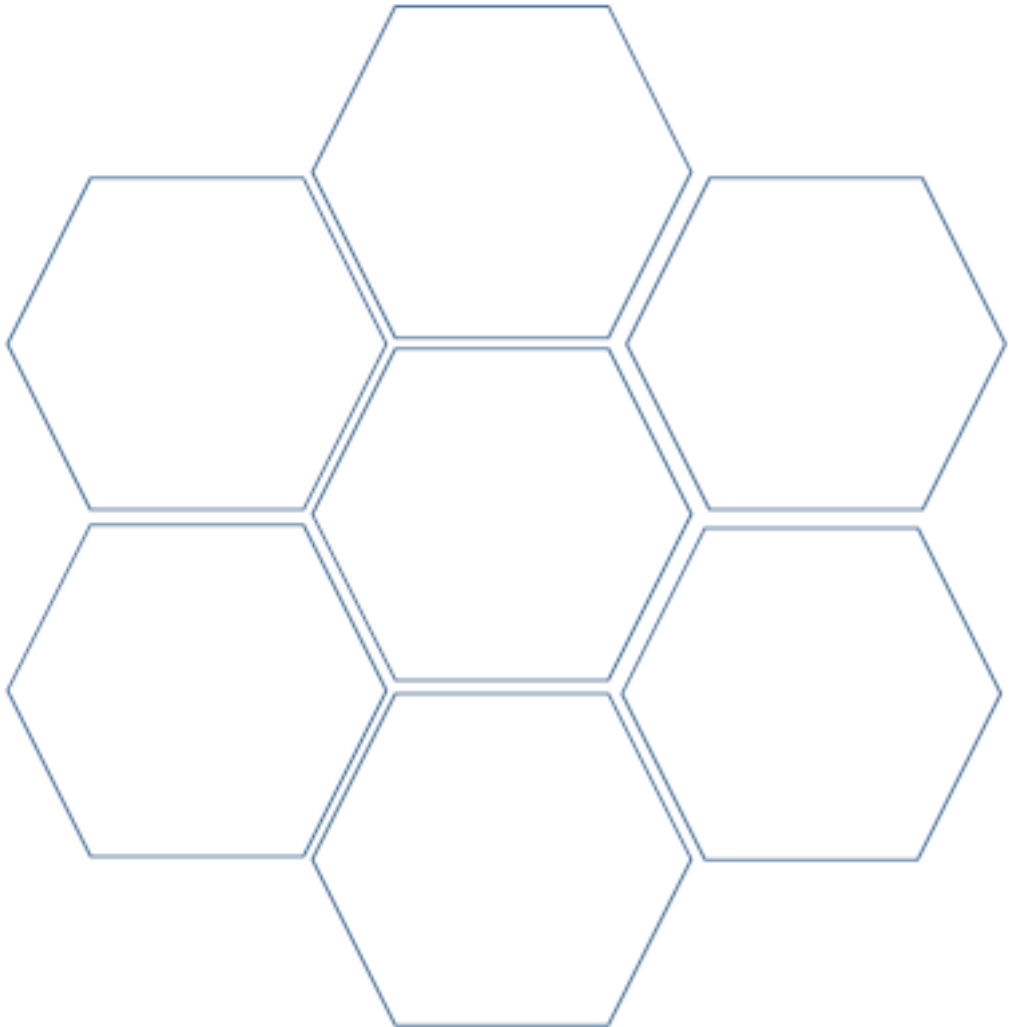


As your study the topic fill the wall with key words.

Revision ideas

- Define the key words listed
- Use the key words in your work
- Write exam questions using key words in
- Play verbal tennis with a friend
- Test a friends understanding of the key words
- Write an exam answer using as many of the words as you can effectively

Hexagons

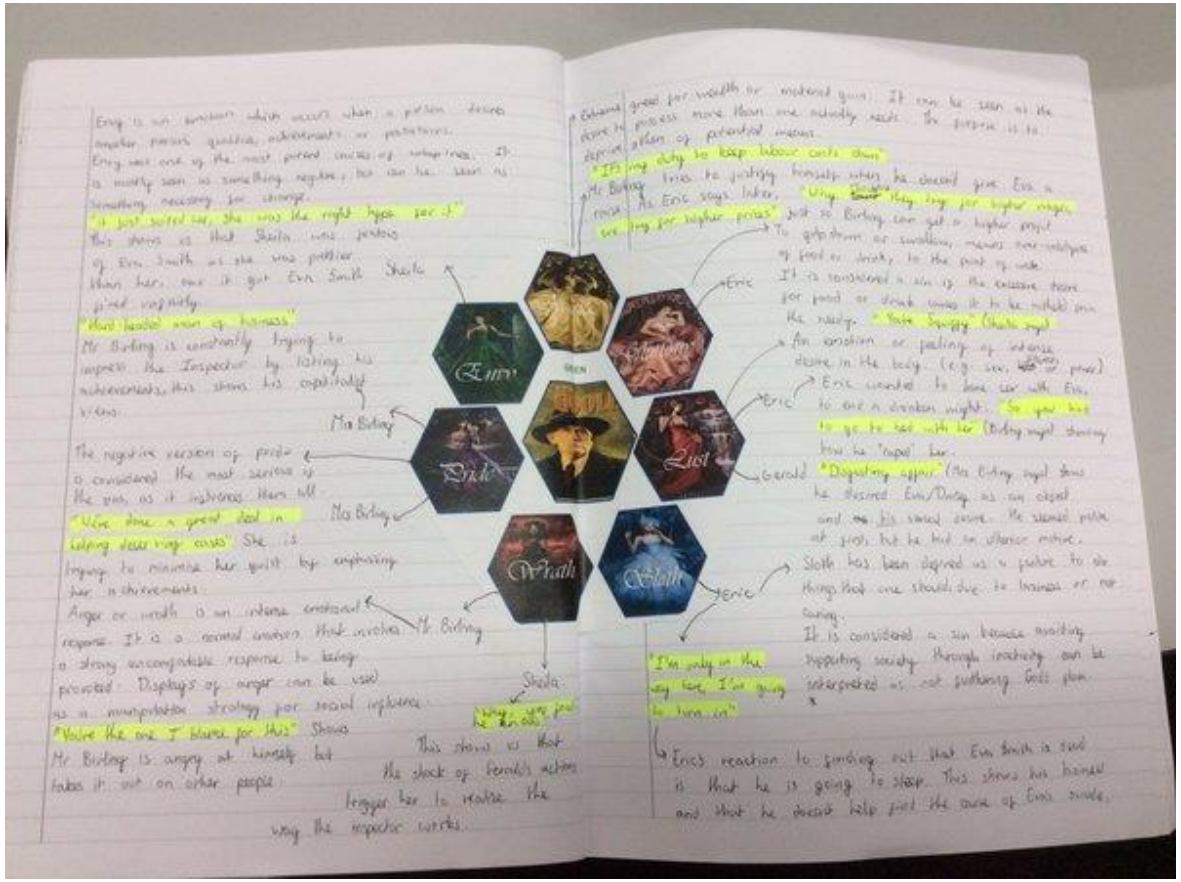


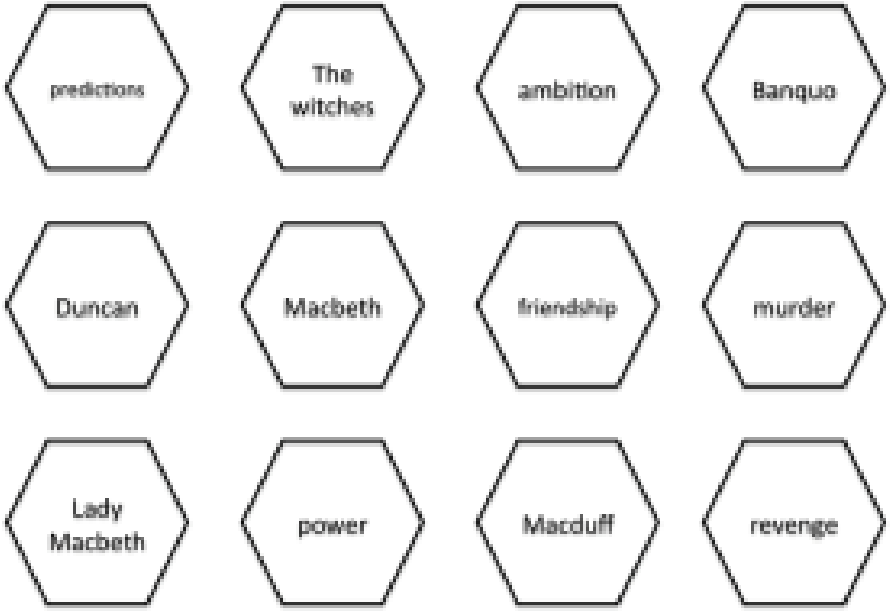
Natural Hazards Revision

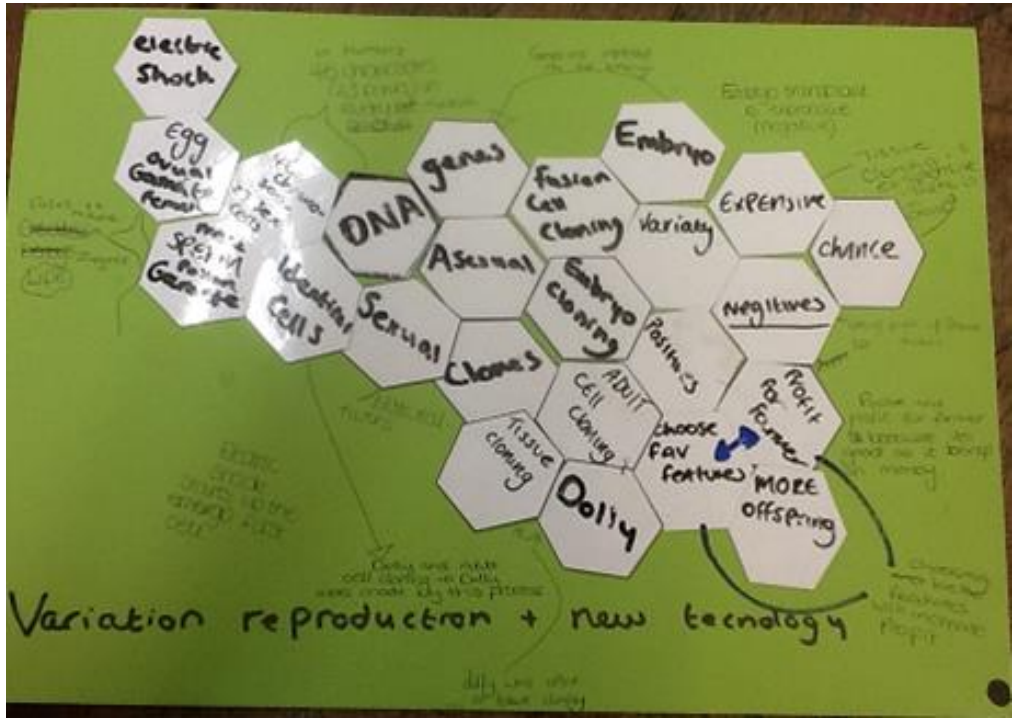
Task: Each hexagon relates to the one in the middle. Your task is to explain what each hexagon shows and how it links to the middle hexagon.

Level up by explaining how each hexagon links to the others it is connected to on either side.

Hexagons




predictions
The witches
ambition
Banquo
Duncan
Macbeth
friendship
murder
Lady Macbeth
power
Macduff
revenge


electric Shock
Egg
DNA
genes
Embryo
Fusion Cell Cloning
Expensive
Variety
chance
Asexual
Identical Cells
Sexual
Embryo Cloning
Positives
Negatives
Clones
ADULT Cell Cloning
Tissue cloning
Dolly
choose fav features
MORE offspring
Variation reproduction + new tecnology

Revision Grids

	1	2	3	4	5	6
1	element	Mendeleev	unreactive	Group 7	form molecular compounds with other non-metallic elements	similar chemical properties
2	atomic weights	boiling points increase down the group	isotopes	atomic number	+1 charge on ion	$Cl_{2(aq)} + 2KBr_{(aq)} \rightarrow 2KCl_{(aq)} + Br_{2(aq)}$
3	columns	release H_2 on reaction with water	noble gases	reactivity increases down the group	diatomic molecules	left side and towards the bottom of the periodic table
4	full outer shell	same number of electrons in outer shell	Group 0	$Cl_2 + 2KBr \rightarrow 2KCl + Br_2$	groups	non-metal properties
5	alkali metals	low density	-1 charge on ion	gaps left in the ordering of the elements	$2K + 2H_2O \longrightarrow 2KOH + H_2$	full outer shell
6	metals	predicted properties were very similar to actual properties when the elements were discovered	Group 1	form hydroxides that can dissolve in water	e.g. 2 or 2.8.8	chemical properties are similar

Fill your grid with content from the topic
- Key terms
- Equations
- Examples
- Case studies

Option 1
Roll the dice x2, find the grid square
Define/describe/explain the content of the square

Option 2
Roll the dice x2, find the grid square
Roll the dice x2, find the grid square
Explain the connection between the content of the square