



GCSE Revision - Science

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The Revision Decision

To Revise

- I'll do better in my exams
- I'll get mum / dad / teacher off my back

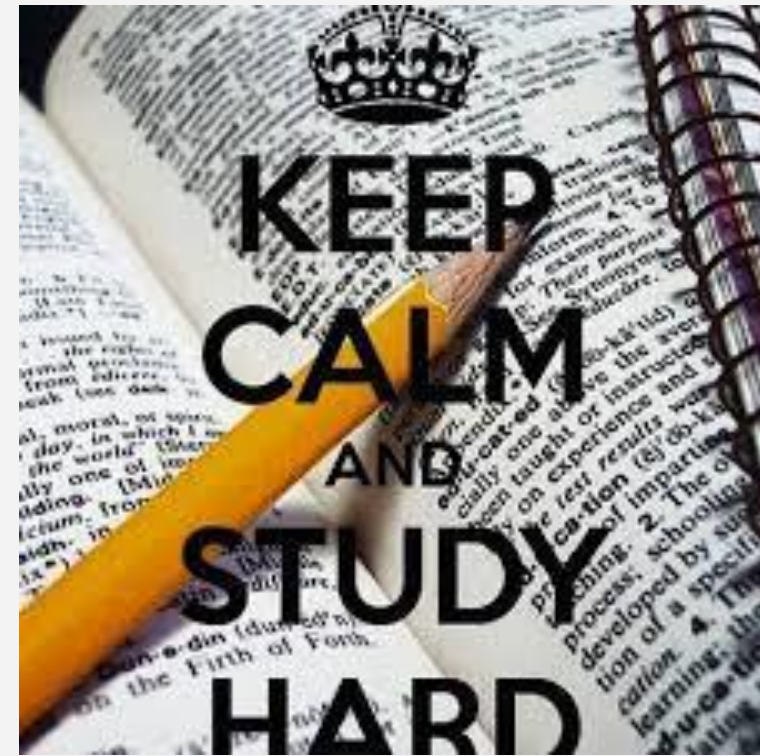
To Not Revise

- It's boring
- It's hard
- It's uncomfortable
- I might find out how little I know
- I'll start tomorrow
- I might not be able to do it
- It gives me an excuse for failing
- It's not cool
- I'll just check my phone / laptop / what's on TV / make a cup of tea
- I don't know how
- Bake Off's on
- There's plenty of time
- There's not enough time
- No-one else is

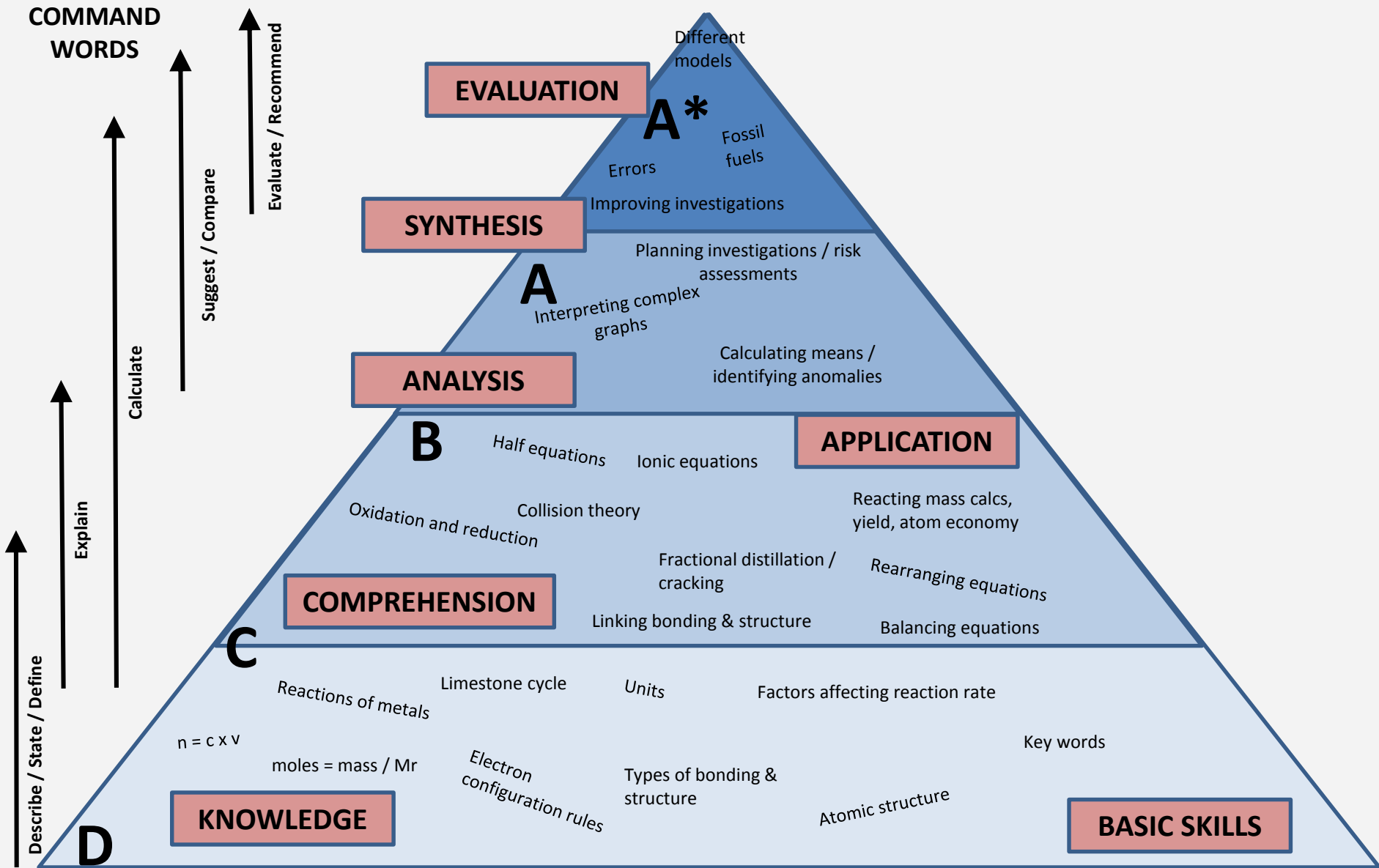


The Purpose of Revision....

....depends on where they are....
and where they want to get to.....



COMMAND WORDS



EVALUATION

Compare the costs and environmental impact of recycling steel with making new steel from iron ore

SYNTHESIS

Plan an investigation to test different alloys to see which would be best for a statue in the centre of Sandbach

ANALYSIS

Given a graph of strength vs carbon content of steel, choose an appropriate grade for a particular application

APPLICATION

Steel is used instead of iron because it is harder and stronger so better for construction of buildings, bridges etc

COMPREHENSION

It has different properties, e.g. it is harder because the layers of atoms are distorted

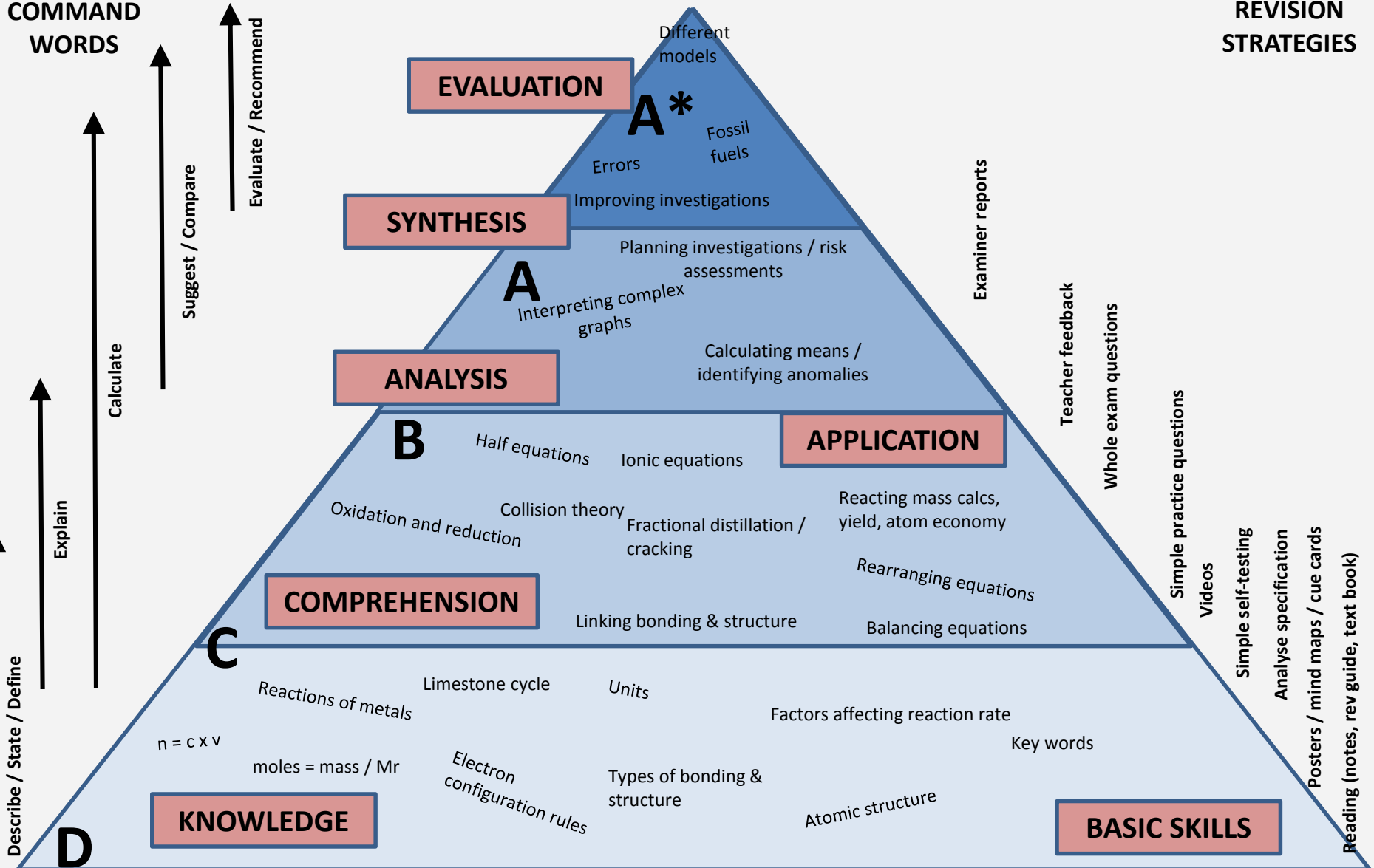
KNOWLEDGE

An alloy is a mixture of metals



COMMAND WORDS

REVISION STRATEGIES



EXAM TECHNIQUE

Attention to detail

Level of detail

Quality of English

Answering the question

Time management

Checking strategies

Structure and clarity of longer answers and calculations

Command words

Test reviews

Timed past papers

Mark schemes and examiner reports

Revision Strategies

- Reading
- Posters / mindmaps / cue cards
- Analyse specification
- Simple self-testing
- Videos
- Simple practice questions
- Whole exam questions
- Timed past papers
- Examiner reports



Science Revision Resources

- Exercise books
- Kerboodle
- BBC Bitesize
- Youtube
 - Christopher Thornton
 - myGCSEScience
 - FreeScienceLessons
- CGP Revision Guides
- AQA website (specification and past papers / mark schemes / examiner reports)
- Past papers from school
- Apps (CGP / Gojimo)



How can you help?

Talk to your daughter and see how they would like you to support them

- Get organised – files/ post-its/ highlighters!!
- Purchase revision guides
- Plan a revision timetable
- Have a quiet and peaceful work environment
- Keep things in perspective



Final checklist and top tips

- Make a plan
- Make a start!
- Build in short breaks (20-40 mins max in one go)
- Frequent short exercises – take a walk/ shoulders rolls
- Keep hydrated
- Eat brain food – avoid sugar
- Take a day off and do something completely different





Questions