



Year 7 Practical Revision Strategies

Thursday 16th March 2023

With Mrs Jennings

Who is responsible for your child's results?



The Learning Process



- Introducing new information and knowledge



- Practising with the new information and knowledge



- Checking for understanding and ensuring any misconceptions are identified and addressed

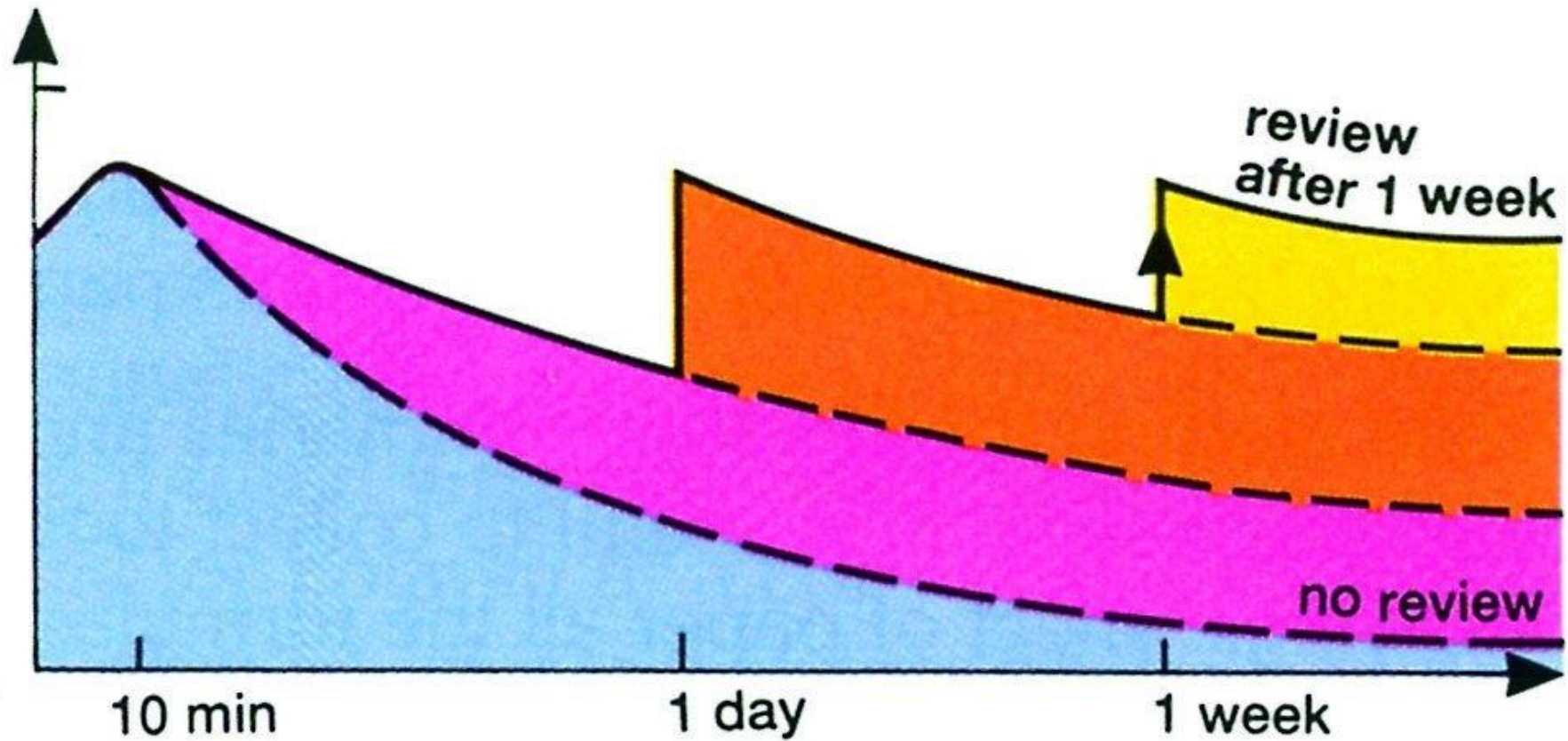


- Committing new information and knowledge to the long term memory



- Retrieval of information and knowledge from memory

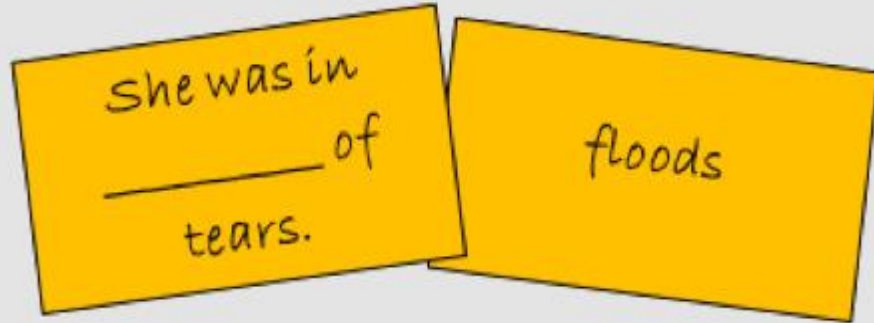
When and how often should I revise?



(c) Keith Johnson

Different types of flash card

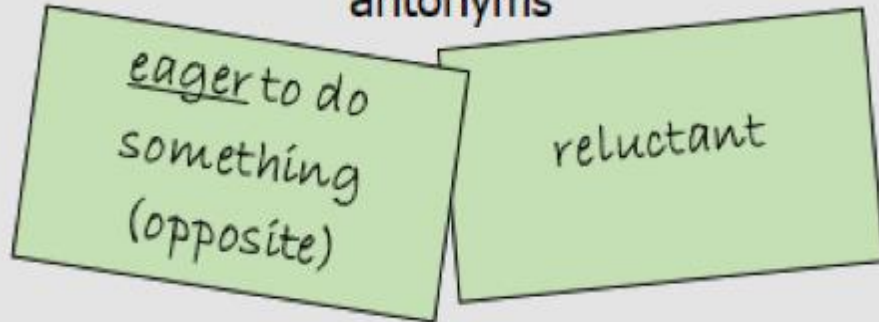
gapped sentences



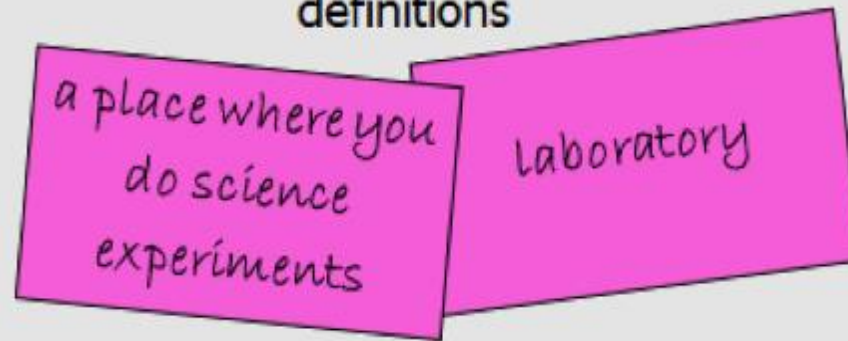
synonyms



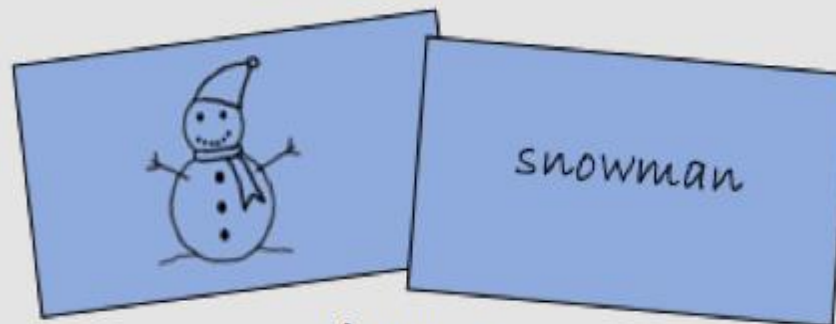
antonyms



definitions



translations



pictures



Introducing the Leitner System

All flash cards start off in pile 1 .
As you review the cards, each card you answer **correctly** goes into pile 2.

If you give the wrong answer the card stays in pile 1.

When you review cards in pile 2, if you **get it right** you move the card to pile 3 and so on until all cards are in pile 4.

If you answer a card incorrectly in any pile it moves back to pile 1 for you to go over again.






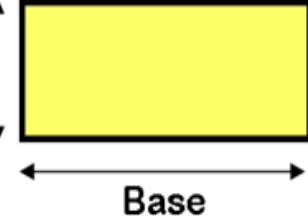
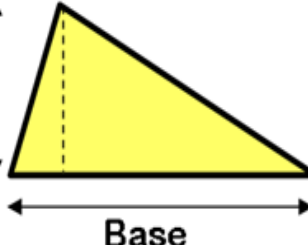
Revision timetable

| Maths | | |
|-----------------------------------|-----------------------------------|------------------------------------|
| Simplifying algebraic expressions | Multiplying out brackets | Probability |
| Averages | Bar charts and frequency diagrams | Calculating with decimals |
| Calculating with negative numbers | Calculating with fractions | Converting decimals to percentages |
| Constructions | Area and perimeter | Working out percentages |

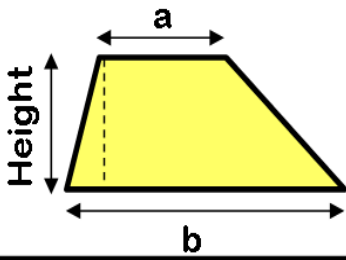
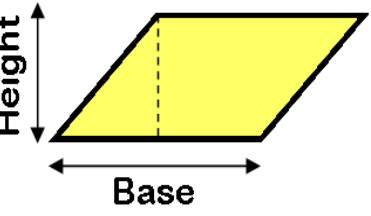
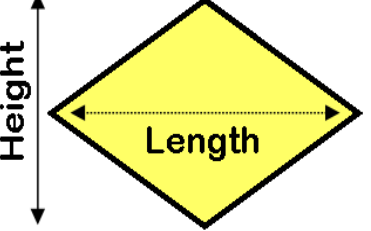
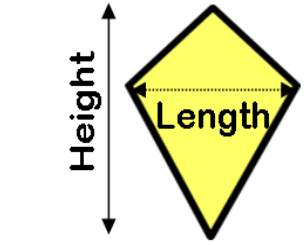


Post-its, Flash cards or Posters

- Name all the four sided shapes you can
- What part of the shape is the perimeter?
- What is perimeter measured in?
- Which part is the area of each shape?
- What is area measured in?
- How could you try to remember this?

| Shape | Name | Formula for Area |
|--|-----------|---------------------------------------|
|  | Square | Base x Height |
|  | Rectangle | Base x Height |
|  | Triangle | Base x Perpendicular Height ÷ 2 |

Design your own

| | | |
|---|---------------|--|
|  | Trapezium | $\frac{(a + b) \times \text{height}}{2}$ |
|  | Parallelogram | Base x Perpendicular Height |
|  | Rhombus | Length x Height ÷ 2 |
|  | Kite | Length x Height ÷ 2 |




Mnemonics

Richard of York Gave Battle In Vain

Every Good Boy Deserves Food

Never Eat Shredded Wheat

Now try to make your own mnemonic

| The reactivity series of metals | |
|---------------------------------|---|
| potassium |  Most reactive |
| sodium | |
| calcium | |
| magnesium | |
| aluminium | |
| zinc | |
| iron | |
| tin | |
| lead | |
| copper | |
| silver | |
| gold | |
| platinum | |
| | Least reactive |



Which of these do you agree with?

- Intelligence is fixed
- If I learn, I can improve
- People who work hard get the highest grades
- Even if I can't do something now does not mean I will never be able to do it

MINDSET MATTERS

Change your words to change your mind.

I made a mistake.

Mistakes help me learn.

It's good enough.

Is this my best work?

I can't do it.

I'm on the right track.

I give up.

Let me try another way.

I'm not good at this.

I'm just getting started.

This is too hard.

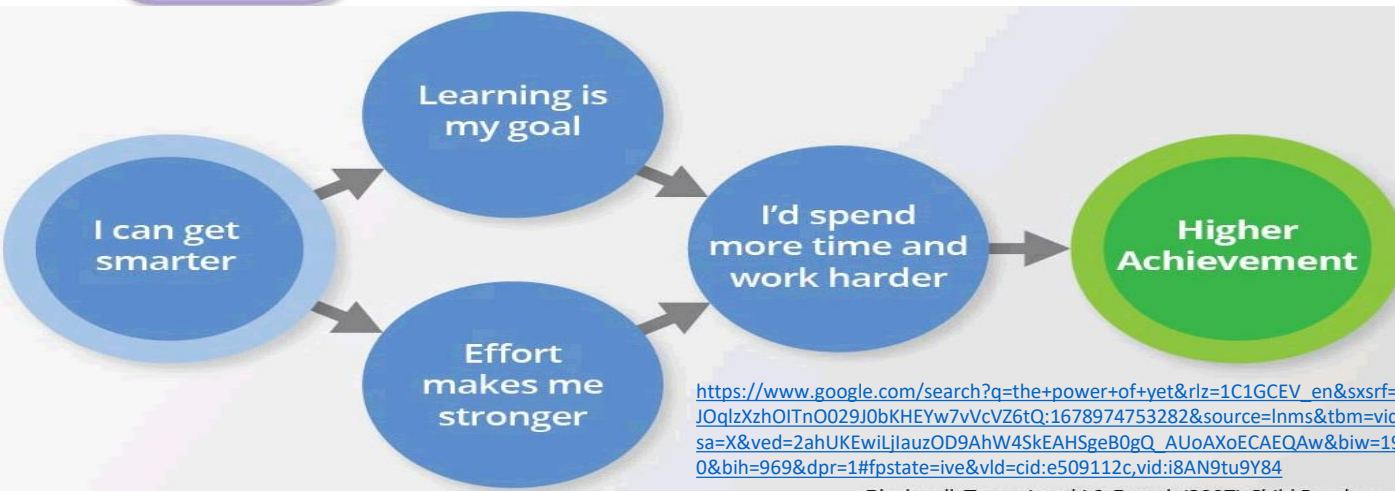
This may take some effort.

I'm a natural.

I improve with practice.

| | | |
|--------------------------------------|--|---|
| DIG DEEP AND STICK WITH IT | LOOK IN A BOOK OR USE THE INTERNET | CAN YOU FIND AN EXAMPLE? |
| KEEP CALM AND READ IT AGAIN | DON'T KNOW WHAT TO DO NEXT? | REMIND YOURSELF NOT KNOWING IS OK |
| WORK TOGETHER AND ASK A FRIEND | PAUSE A MOMENT AND JUST THINK | STILL NOT SURE? THEN ASK YOUR TEACHER |

YET



Oasis Academy

Growth Mindset

I made a mistake.

Mistakes help me improve.

I can't make this any better.

I can always improve I'll keep trying.

I'm not good at this.

I'm going to train my brain to be better.

I'll never be as smart as them.

I'm going to figure out what they did and try it.

This is too hard, it's good enough.

Is this really my best work?

I don't get it, I give up.

This may take some time and effort.

"Failure is an opportunity to grow"

GROWTH MINDSET

"I can learn to do anything I want"

"Challenges help me to grow"

"My effort and attitude determine my abilities"

"Feedback is constructive"

"I am inspired by the success of others"

"I like to try new things"

"Failure is the limit of my abilities"

FIXED MINDSET

"I'm either good at it or I'm not"

"My abilities are unchanging"

"I don't like to be challenged"

"I can either do it, or I can't"

"My potential is predetermined"

"When I'm frustrated, I give up"

"Feedback and criticism are personal"

"I stick to what I know"



A – Z List

What can you remember about Kenya?

| | | | | |
|---|---|---|---|---|
| A | G | M | S | Y |
| B | H | N | T | Z |
| C | I | O | U | |
| D | J | P | V | |
| E | K | Q | W | |
| F | L | R | X | |

Calligrams



What could you do to remember the meanings of these words:

- Parallel
- Perpendicular
- Triangle
- Quadrilateral

Mind mapping



Life In Medieval Society

Some key points:

- Most people in medieval society lived in villages, there were few large towns.
- The majority of people were peasants, who worked on the land.
- There were a range of jobs and trades in towns and villages, some quite similar to those people might have today.

Some key vocabulary:

- Villeins
- Freeman
- Tithe
- Sanitation
- Black Death
- Feudal system



Exam Fortnight

- Two week - exam timetable - after Easter
- Written exam in most subjects
- Most teachers will give students a list of topics to revise or further information
- Some subjects will supply revision materials and/or allow students to bring their books home



WRAP up!

- Chunk up revision topics
- Do what you can't do!
- Short intervals revisited 1 day later, 1 week later
- Quick, messy AND GET FINISHED rather than neat, pretty and only half done
- Reading alone is not an effective strategy
- All in this together
- Rewards 😊