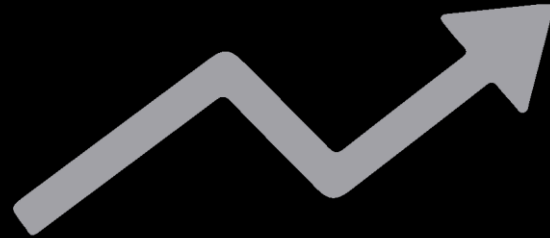


**Revision strategy:**

**Challenge Grids**



# What is it?

Challenge grids are a great way to revise, where you create a challenge question grid, based on topics you've learned in lessons.

You colour-code questions so some are easier than others.

Things you did last lesson will be more fresh in your mind, so would only score one point, but topics you learned last term or even last year, would score 5 marks.

When the grid is full, then set yourself a challenge of scoring say 15 points, so you have to answer a combination of easy and hard questions (See the examples which follow)



# Challenge Grid

Who was the leader of Nazi Germany? (1 point)	Why was the League of Nations so weak? (2 points)	What were 2 of Hitler's aims (3 points)
What was appeasement? (3 points)	What country did Germany invade in 1939 that Britain (1 point)	Why did Germans hate the Treaty of Versailles? (2 points)
Why was the League of Nations so weak? (2 points)	How did the depression affect Britain and France? (3 points)	When was the depression? (1 point)

How many points can you get in 8 minutes?

Title: How does the structure of a population vary?

05 January 2018

Starter		
How many points can you score in 5 minutes?		
State two factors would change the birth rate of a country?	What is fertility rate? Why might it decrease as a country develops?	Why is the Scottish highlands a sparsely populated area?
What is urbanisation? Why did it impact the population density and distribution in the UK?	Why does the death rate decrease as a country develops? Use an example for a bonus point.	Define infant mortality rate? What is the difference between that and child mortality rate?
Describe the growth of world population in the last 150 years. Try and include figures where possible.	Describe the difference between sparsely and densely populated. Can you name 3 examples of each in the UK?	Explain why HICs have a lower birth rate than LICs. Try and include more than one reason.
Last lesson – 1 mark	Last week – 2 marks	2 weeks ago – 3 marks

**Key Words**  
Youthful, ageing, structure, population pyramid.

**Homework**  
Choose a task off the menu.

How does this link to Geography?



What is hatch and batch processing?	Validation and verification definitions	Give one specific use of robotics	What is AI?
Real time control processing example	What is e-commerce?	Real time transaction use	What is the output in a heating system?
Advantage and disadvantage of data logging	Give two sensors	What is a feedback control system?	Describe automatic stock control system
What is an expert system?	How is data captured?	Batch processing example	What is payroll?

Example- ICT & Geography



# Retrieval Quiz:



## How much can you score?

<b>Give one reason William won at Hastings</b>	<b>What is the role of a Shire Reeve?</b>	<b>Why did Edward send Harold to Normandy?</b>	<b>Who was Edgar the Atheling?</b>
<b>What does the Danelaw have to do with <u>Tostig's</u> exile?</b>	<b>Two reasons why William felt he should be King</b>	<b>What was the date of the Battle of Hastings?</b>	<b>List in order the social hierarchy of Anglo Saxon England</b>
<b>Give two roles of the Witan</b>	<b>Who were <u>Morcar</u> and Edwin?</b>	<b>Who fought at the Battle of Stamford Bridge?</b>	<b>What happened to Harold at the Battle of Hastings?</b>

**1 Mark**  
Last Lesson

**2 Marks**  
1 Week Ago

**3 Marks**  
2 Weeks Ago

**4 Marks**  
Wayyyy Back

# Retrieval Practice Challenge Grid!



## What's your score?



$50 + 24 \div (6 \cdot 2)$	Pencils come in packages of 10. Erasers come in packages of 12. Phillip wants to purchase the smallest number of pencils and erasers so that he will have exactly 1 eraser per pencil. How many packages of pencils and erasers should Phillip buy?	*** Draw a visual model to simplify this expression. $2\frac{1}{4} \div \frac{3}{4}$	$60 - 2^3 \cdot 5$
$4.43 \div 0.6 =$	$8\frac{7}{10} \div \frac{3}{20}$	Boxes that are 12 inches tall are being stacked next to boxes that are 18 inches tall. What is the shortest height at which the two stacks will be the same height?	*** Describe the rationale for moving the decimal using this problem below. $3.4 \times 7.9$
*** Simplify using the order of operations, then write 2 equivalent expressions using same numbers and operations. $17 - 5 \cdot 4 \div 2$	There are 2.54 centimeters in one inch. How many inches are there in 51.78 centimeters? Round to the nearest tenth.	$\frac{2}{5} \div \frac{3}{5} =$	Bridget has swimming lessons every fifth day and diving lessons every third day. If she had a swimming lesson and a diving lesson on May 5, when will be the next date on which she has both swimming and diving lessons?
Last lesson (1)	Last week (2)	Two weeks ago (3)	Further back! (4)

# Retrieval Practice Challenge Grid!



## What's your score?



Who was Head of the Cheka in 1917?	Explain the term bourgeoisie.	Who was Anatoly Lunacharsky?	List four different enemies of the Cheka.
Describe Khrushchev's attitude towards religion.	Explain the term 'Proletkult'.	List three aims of the NEP.	What was the October 1917 Decree on Land?
Explain the term 'show trial'.	Who was Patriarch Tikhon?	What were the aims of agitprop?	Describe one strength and one weakness of War Communism.

Last lesson (1)

Last week (2)

Two weeks ago (3)

Further back! (4)



# Retrieval Practice Challenge Grid

## How many points can you score?



Which movements can occur at a hinge joint?	Describe the difference between an open skill and a closed skill	Name four bones and muscles in the lower body.	Which movement occurs when bowling a ball in cricket?
What is the function of the synovial fluid?	Identify four functions of the skeletal system.	Describe the difference between skill and ability.	Which muscle is the agonist muscle when raising a dumbbell?
Give three sports examples of a self paced skill.	Describe the difference between abduction and adduction.	What is the difference between a tendon and a ligament?	Identify the bones that make up the shoulder joint.

Last lesson (1)

Two weeks ago  
(2)

Last month (3)

Way back (4)

**Try it  
yourselves**

- Pick a topic
- Identify your key information

***Flashcards can help you!***

- Write your questions – remember they can have different levels of difficulty

***The more you practice, the better you'll get!***







# Retrieval practice challenge grid


**Last lesson  
(1 mark)**

**Last week  
(2 marks)**

**Two weeks ago  
(3 marks)**

**A long time ago!  
(5 marks)**