



# YEAR 9 HOME LEARNING - CYCLE 12

Homework is given as part of a 3 week cycle

1. Week 1 – create flashcards
2. Week 2 – look, say, cover, write check (using the flashcards created in week 1)
3. Week 3 – Brain dump - a check to see how much you have learned

On week 1 of every cycle, you will be emailed the work to learn which are usually key words for that subject. We will also upload them to the website (Homework) and to MCAS under Important Documents. The point of the homework is to teach students how to revise effectively and to build up key vocabulary for each of their core subjects.

Here is the work per subject for this 3 week cycle

## **ENGLISH – Learn the following key words**

|                            |                               |   |
|----------------------------|-------------------------------|---|
| <b>Voices: non-fiction</b> | Epistrophe                    | Repeating words at the end of a sentence  |
|                            | TMC paragraph                 | A paragraph structure:<br>Topic sentence<br>Main ideas<br>Concluding sentence       |
|                            | Counter argument and rebuttal | Acknowledging the opposite side to the argument and then explaining why it is wrong |

## SCIENCE – Learn the following key words

|                |                                 |   |
|----------------|---------------------------------|---|
| <b>Physics</b> | <b>Transverse wave</b>          | A wave in which the oscillations are perpendicular to the direction of energy transfer. |
|                | <b>Longitudinal wave</b>        | A wave in which the oscillations are parallel to the direction of energy transfer.      |
|                | <b>Electromagnetic spectrum</b> | A continuous spectrum of all the possible wavelengths of electromagnetic waves.         |

## MATHS – Learn the following key words

|                      |   |
|----------------------|---|
| <b>9m1</b>           |   |
| Circle theorems      | <a href="https://corbettmaths.com/2013/04/04/circle-theorems-theorems/">https://corbettmaths.com/2013/04/04/circle-theorems-theorems/</a>                 |
| <b>9m2</b>           |   |
| Area & perimeter     | <a href="https://corbettmaths.com/2013/12/21/circumference-video-60/">https://corbettmaths.com/2013/12/21/circumference-video-60/</a>                     |
| Circumference & Area | <a href="https://corbettmaths.com/2013/12/22/area-of-a-circle-video-40-and-59/">https://corbettmaths.com/2013/12/22/area-of-a-circle-video-40-and-59/</a> |
| Arc length           | <a href="https://corbettmaths.com/2013/03/26/arc-length/">https://corbettmaths.com/2013/03/26/arc-length/</a>   |
| Area Sector          | <a href="https://corbettmaths.com/2012/08/02/area-of-a-sector-video/">https://corbettmaths.com/2012/08/02/area-of-a-sector-video/</a>                     |

| 9m3                                   |   |
|---------------------------------------|---|
| Averages Mean from frequency tables   | <a href="https://corbettmaths.com/2012/08/19/means-from-frequency-tables/">https://corbettmaths.com/2012/08/19/means-from-frequency-tables/</a>           |
| Median from frequency tables          | <a href="https://corbettmaths.com/2013/03/16/median-for-a-frequency-table/">https://corbettmaths.com/2013/03/16/median-for-a-frequency-table/</a>         |
| Mode from frequency tables            | <a href="https://corbettmaths.com/2021/11/18/modal-class-video/">https://corbettmaths.com/2021/11/18/modal-class-video/</a>                               |
| 9m4                                   |   |
| Mode                                  | <a href="https://www.youtube.com/watch?v=7WubQNkpmMQ">https://www.youtube.com/watch?v=7WubQNkpmMQ</a>   |
| Mean                                  | <a href="https://www.youtube.com/watch?v=x8oPXIrLMc0">https://www.youtube.com/watch?v=x8oPXIrLMc0</a>   |
| Median                                | <a href="https://www.youtube.com/watch?v=tpHWmqJaRXw">https://www.youtube.com/watch?v=tpHWmqJaRXw</a>   |
| Range                                 | <a href="https://www.youtube.com/watch?v=OnM6fJ6Hu_I">https://www.youtube.com/watch?v=OnM6fJ6Hu_I</a>   |
| 9m5                                   |   |
| Area of circle                        | <a href="https://corbettmaths.com/2013/12/22/area-of-a-circle-video-40-and-59/">https://corbettmaths.com/2013/12/22/area-of-a-circle-video-40-and-59/</a> |
| Circumference of circle               | <a href="https://corbettmaths.com/2013/12/21/circumference-video-60/">https://corbettmaths.com/2013/12/21/circumference-video-60/</a>                     |
| 9m6                                   |   |
| Circumference of a circle             | <a href="https://corbettmaths.com/2013/12/21/circumference-video-60/">https://corbettmaths.com/2013/12/21/circumference-video-60/</a>                     |
| Perimeter of a semi-circle            | <a href="https://corbettmaths.com/2012/08/02/perimeter-of-a-semi-circle/">https://corbettmaths.com/2012/08/02/perimeter-of-a-semi-circle/</a>             |
| 9m7                                   |   |
| Reciprocal                            | <a href="https://corbettmaths.com/2012/08/21/reciprocals-2/">https://corbettmaths.com/2012/08/21/reciprocals-2/</a>                                       |
| Converting a percentage to a fraction | <a href="https://corbettmaths.com/2012/08/20/percentages-to-fractions/">https://corbettmaths.com/2012/08/20/percentages-to-fractions/</a>                 |
| Converting a percentage to a decimal  | <a href="https://corbettmaths.com/2012/08/19/percentages-to-decimals/">https://corbettmaths.com/2012/08/19/percentages-to-decimals/</a>                   |

## GEOGRAPHY – Learn the following key words

|              |                    |  |
|--------------|--------------------|--|
| Urban issues | Greenfield         | Land that has not been built on before                                       |
|              | Green belt         | Greenfield land that is protected from building                              |
|              | Rural-urban fringe | The area where urban areas (towns and cities) meet rural areas (countryside) |

## HISTORY – Learn the following key words

|              |                     |   |
|--------------|---------------------|---|
| Civil Rights | Sit-ins             | A type of peaceful protest where African Americans would sit in segregated restaurants or other public places and refuse to leave until they were served or the segregation was ended.                                    |
|              | Voting Rights Act   | A law passed in 1965 that made it illegal to stop African Americans from voting. Before this law, many black people were unfairly kept from voting.   |
|              | Windrush Generation | The <b>Windrush Generation</b> refers to people from Caribbean countries who moved to the UK between 1948 and the early 1970s. Many of them came on a ship called the <b>HMT Empire Windrush</b> , which arrived in 1948. |

## SPANISH – Learn the following key words

| SETS 1,2,3 & 4   |  |  |
|--|--|--|
| <b>List 42 from the vocabulary booklet</b><br><b>Celebrity culture</b> | es un artista = he/she's an artist<br>es un cantante = he/she's a singer<br>es un influencer = he/she's an influencer<br>es un escritor (a) = he/she's a writer<br>es un jugador(a) = he/she's a player<br>es un modelo/a = he/she's a model<br>es un músico/a = he/she's a musician<br>es un actor = he/she's an actor<br>es una actriz = he/she's an actress<br>es una estrella = he/she's a star  |  |
| <b>List 43 from the vocabulary booklet</b><br><b>adjectives</b>        | activo/a                      active<br>animado/a                  lively<br>artístico/a                  artistic<br>bien conocido/a          well known<br>deportivo/a                  sporty<br>divertido/a                  funny<br>gracioso/a                  funny<br>famoso/a                    famous<br>guapo/a                    good looking<br>viejo/a                      old<br>joven                          young<br>musical                      musical<br>popular                      popular |  |

## SETS 5,6 & 7

### List 26 from the vocabulary booklet Celebrity culture

Es un artista = he/she's an artist  
 es un cantante = he/she's a singer  
 es un influencer = he/she's an influencer  
 es un modelo/a = he/she's a model  
 es un músico/a = he/she's a musician  
 es un actor = he/she's an actor  
 es una actriz = he/she's an actress  
 es una estrella = he/she's a star

mi .... favorito/a es... my favourite... is...

### List 27 from the vocabulary booklet adjectives

activo/a = active  
 animado/a = lively  
 artístico/a = artistic  
 bien conocido/a = well known  
 deportivo/a = sporty  
 divertido/a = funny  
 famoso/a = famous  
 guapo/a = good looking  
 viejo/a = old  
 joven = young  
 musical = musical  
 popular = popular