



St Mary's CE Primary School

Junior Home Learning Guidance for

Year 5

Week Commencing Monday 11th May 2020

Hello everyone,

I hope you have all enjoyed the long weekend.

Thank you so much for sending in your buddy letters which will be sent out to the new Reception children very soon.

I have really enjoyed looking at other work - art, science and story writing- which some of you have e-mailed to school. You can see some examples on the class page along with some new photos and a dance video from when you were in school.

Remember to keep trying your best with your home learning. If something is too tricky, don't worry, do what you can.

We'll be starting a new Geography topic this week all about the United Kingdom. I hope you'll enjoy it.

I'll be in touch again next week.

Mrs. Corless

A few reminders...

- 1) Home learning will appear on a weekly basis, with a day-by-day slide outlining suggested learning activities.
- 2) Remember: all logins, passwords and usernames are in your child's GREEN READING RECORD
- 3) Your child has brought home a new exercise book for any recording they may need to complete.
- 4) We urge you and your child to try and complete work that is set in order to minimise disruption to your child's education at this difficult time.
- 5) Please regularly visit <https://www.stmaryscecrompton.oldham.sch.uk/> and look at the TWITTER link for updates. Your child's class pages can be found under the drop-down from the 'learning' tab. Updates and PowerPoints will appear there for reference.
- 6) All spelling lists are on the class pages for reference and use.
- 7) Children should aim to produce best quality work for each task, focusing on their spelling, punctuation, grammar and presentation, as if they were in school.
- 8) MYMATYHS lessons should be repeated until your child achieves 75% or higher in their score.

Our science (biology) topic this half term is 'The Human Body.'

This will begin with a short topic on the digestive system and then move onto the stages in the life of a human.

- See the following slide for our Knowledge Mat
- Can you remember and explain the key vocabulary ?
- Can you talk about your sticky knowledge ?



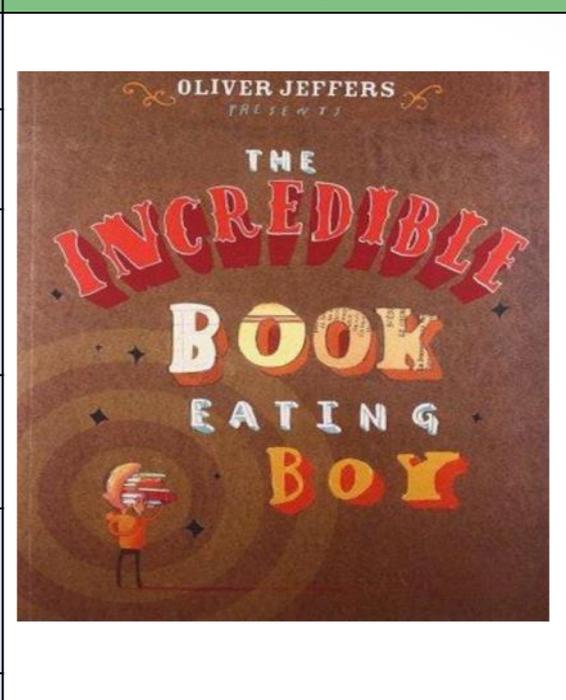
Year 5: Digestive System Knowledge Mat (Biology)



Subject Specific Vocabulary

pancreas	The pancreas produces juices called enzymes which helps the body digest food.
oesophagus	The oesophagus is like a stretchy tube that moves food from the back of the throat to the stomach.
large intestine	The main function of the large intestine is to absorb water from the remaining indigestible food.
small intestine	The main function of the small intestine is the absorption of nutrients and minerals from food.
organ	A part of the body that has a particular purpose. The internal organs include your brain, lungs, heart, liver, stomach, intestines, pancreas, and kidneys. The skin is also an organ.
digestion	The breaking down of ingested food.
excretion	The process of eliminating waste from the body (urine, faeces, sweat)
nutrition	The process of taking food into the body and absorbing the nutrients in those foods.
process	A series of actions used to produce something or reach a goal.

Interesting Book



Sticky Knowledge

- **Know and name the parts of the digestive system (intestines, mouth, oesophagus, stomach, liver)**
- **Know the function of each organ of the digestive system.**
- **Know and identify the different types of teeth in humans (canines, molars, incisors) and their functions.**

Interesting facts about the digestive system

- The oesophagus is the food highway that takes your dinner from your mouth down into your stomach so that digestion can begin.
- The stomach is filled with powerful acids that break down the food into smaller pieces. It also lets us know when we are hungry.
- The liver creates different enzymes to help process food nutrients that are collected in the small intestine.
- The gallbladder is a storage unit for all of the bile and enzymes created by the liver. It stores them until they are needed for digestion.
- The main job for the small intestine is to absorb nutrients and minerals from food. In fact, 90% of food absorption takes place here, making it our main digestion location.
- The front teeth are called incisors, the four sharp teeth are called canines, the teeth at the back are called molars and premolars.
- The whole process of food digestion from mouth to toilet takes about 55 hours in an adult.

Our Geography topic is 'What makes an island an island?'

You will learn about physical and human features of the

UK and coasts.

- See the following slide for our Knowledge Mat
- Can you remember and explain the key vocabulary ?
- Can you talk about your sticky knowledge ?





What makes an island an island? (The United Kingdom and Coasts)

Subject Specific Vocabulary

coast	The place where the land meets the sea.
island	A piece of land surrounded by water.
county	A division of the country which has its own local government.
region	A large official area into which a country is divided.
beach	An area of sand or pebbles along a coast.
tourism	An industry that drives people to travel for recreation and leisure.
erosion	The wearing away of the land by water, wind or ice.
economy	The system of how money is made and used in a region or country.
cliff	A vertical or steep natural wall of rock.
trade	The buying and selling of goods.



Sticky Knowledge

Name and locate geographical regions of UK and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time

Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links.

Exciting Book



Interesting Facts

The UK has around 8,000 miles of coastline (excluding all the islands).

The farthest distance to the coast from anywhere in the UK is 70 miles.

The population of the UK is around 66 million.

Bishop Rock, off the Scilly Isles, is the smallest UK island.



Year 5

MONDAY 11th May

1) Joe Wicks work out or your own choice of exercise.

<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ>

2) Read the spellings for Summer term Week 4. These are words that relate to our science topic later in the term and the Y5/6 words: **queue, recognise, recommend**

Use a dictionary if you are unsure of the definitions. Make sure you are confident of the meanings of the word (you will be writing them tomorrow).

3) Complete the Grammar Y5 Test F on <https://www.spag.com/>

3) **Maths** : Adding and subtracting Decimals <https://www.mymaths.co.uk/>
You **must** watch the lesson first and then complete the homework.

4) **Science**: Revise the digestive system on : <https://www.childrensuniversity.manchester.ac.uk/learning-activities/science/the-body-and-medicines/digestive-system/>

Find out about the four different types of teeth and the function (job) of each type. Use this link or other suitable websites <https://www.dkfindout.com/uk/human-body/digestion/teeth/>

Make an information poster/leaflet to communicate this information. Remember to show why teeth are important for the digestive system.

5) Watch https://www.bbc.co.uk/newsround/news/watch_newsround

6) Read for a minimum of **30 minutes**. Be sure to record it in your reading record, plus any new or interesting words.

7) TT Rock Stars

Year 5

TUESDAY 12th May

1) Joe Wicks work out or your own choice of exercise.

<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ>

2) Write all the words from your spelling list in sentences. Make some of your sentences complex sentences (see next two slides). Check your spellings.

3) LBQ lesson: **Subtracting Decimals**. Get the code off the class page (today only).

You **must** complete levels 1 and 2. Many of you should be able to tackle levels 3 and 4 too.

4) **ART Year 5 Lesson 2. How to create visual texture**. Follow the lesson on the link below.

<https://www.thenational.academy/year-5/foundation/how-can-we-use-visual-texture-to-add-interest-to-our-artwork-year-5-wk2-5>

5) Read for a minimum of **30 minutes**. Be sure to record it in your reading record, plus any new or interesting words.

6) Watch https://www.bbc.co.uk/newsround/news/watch_newsround

7) Spend 15 mins today on Times Tables Rock Stars – aim to improve on your last score!

Next Steps: Subordinating Conjunctions

Firstly, let's look at creating complex sentences by using subordinate clauses that begin with a subordinating conjunction.

I

S

A

W

A

W

A

B

U

B

is an acronym to help you remember the first letters of some of the most important subordinating conjunctions.

If

Since

As

When

Although

While

After

Before

Until

Because



Next Steps: Relative Clauses

Now, let's look at creating complex sentences by using relative clauses. Relative clauses are a different type of dependent clause that give more detail about the subject of the main clause.

Relative clauses begin with a relative pronoun or a relative adverb. Here are some of the most common examples:

who

which

whose

whom

that

where

1) Home Page



2) Select classroom

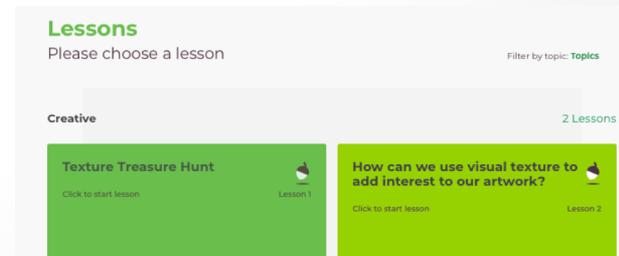


3) Select subject then click Year 5



4) Select subject (Foundation includes art, history, geography, etc.).

5) Select the subject and specific lesson.



Year 5

Wednesday 13th May

1) Joe Wicks work out or your own choice of exercise.

<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ>

2) Practise spelling words from the Week 4 spelling list. Download the spelling strategies sheet from the class page. Try some different strategies to learn the spellings.

3) **Setting Descriptions** <https://www.bbc.co.uk/bitesize/articles/z4brcqt>

Follow the lesson and complete the activities.

4) **Maths** : Multiplying and dividing decimals by 10 and 100. You **must** watch the lesson first and then complete the homework. <https://www.mymaths.co.uk/>

5) **Spanish Lesson 2** : Introducing yourself in Spanish

<https://www.thenational.academy/year-5/foundation/introducing-yourself-in-spanish-year-5-wk2-2>

6) Watch https://www.bbc.co.uk/newsround/news/watch_newsround

7) Read for a minimum of **30 minutes**. Be sure to record it in your reading record, plus any new or interesting words.

Year 5

Thursday 14th May

1) Joe Wicks work out or your own choice of exercise.

<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ>

2) Maths: **Dividing decimals by 10, 100 and 1000.** Download the sheet from the class page. Remember what you learned yesterday. Today you'll also be dividing by 1000 so you will need to move the digits 3 places to the right.

3) Practise spelling words from the Week 4 spelling list. Try some different strategies to learn the spellings. Which strategy do you prefer?

4) Reading: Follow the lesson and complete the activities.

<https://www.bbc.co.uk/bitesize/articles/zmjjaq3>

5) **Geography:** Complete the lesson on Settlements.

<https://www.bbc.co.uk/bitesize/articles/zh2nscw>

6) Watch https://www.bbc.co.uk/newsround/news/watch_newsround

7) Read for a minimum of **30 minutes**. Be sure to record it in your reading record, plus any new or interesting words.

8) Spend 15 mins today on Times Tables Rock Stars – aim to improve on your last score!



Year 5

Friday 15th May

1) Ask someone to test you on the spellings set earlier this week.

2) Write a setting description **or** a story opener about the picture in the link below. Use your learning from Wednesday's literacy lesson and the text with the picture. Remember to choose your vocabulary carefully.

<https://www.pobble365.com/professor-plum/>

3) Arithmetic Test and Decimal sequences sheet.
(download from class page)

4) ICT:

Finish your game design and write some instructions (see lesson plan on the next two slides and slides 19 and 20) Share your game (see slide 18 for how to share to the class blog).

<https://www.purplemash.com/sch/stmarysol2>

5) Read for a minimum of **30 minutes**. Be sure to record it in your reading record, plus any new or interesting words.

Lesson 4 – Finishing and Sharing

Aim

- To finish and share the game.

Success criteria

- Children can make their game more unique by selecting the appropriate options to maximise playability.
- Children can write informative instructions for their game so that other people can play it.

Resources

- Planning leaflet from last week to continue.

Activities

1. There are a few options that children still need to decide upon before their game is finished.



Click on the  button so set up an Instruction screen. Talk through the following options with the class, then give them some time to set them.



Click in the text areas to add a title and instructions as required.



Use the ,  and  buttons to change the background colours, text fonts and size and to add a recorded instruction.



Allows you to set the number of lives the player starts with (up to 5).



Allows you to set the time limit for the game.



Allows you to set a sound to play when the game is over because all lives are lost.

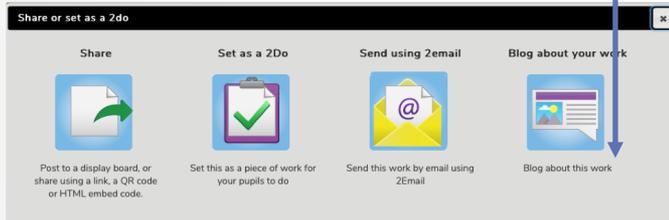


Allows you to set a sound to play when the player completes a level.

2. Children should then fill in the 'Instructions' section of the leaflet. There is space for a screen print of the instruction screen here.

How to share your game

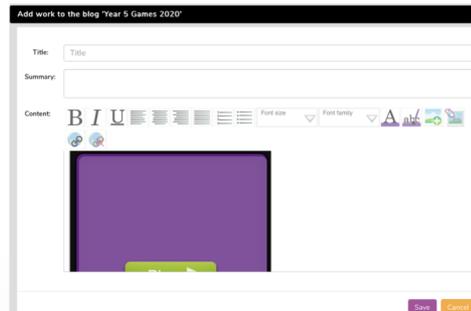
- 1) Make sure you have saved your game.
- 2) Click the menu in the top left hand corner of the screen
- 3) Select 'Share'
- 4) Click 'Blog about your work'



- 5) Select 'Year 5 Games 2020'



- 6) Give your blog a title and summary.
- 7) Click 'Save'.



- 8) Your work should now be on the blog.



Key Images

Open, save or share your file



Change the settings of your game



Add images to your game



Insert treasure into you game



Insert enemies into your game



Drag to set the start position of your game



Play your game



Key Questions

What is the 2DIY3D tool on Purple Mash?

2DIY 3D allows users to create a playing area, such as a maze, in 2D and then turn it into a 3D computer game. The aim is to avoid the 'baddies' and collect 'treasure'.

What makes a good computer game?

A good game designer gives the player continuous challenges in a visually stimulating environment, each of which leads to another challenge, to keep the game challenging and fun.

Why is it important to continually evaluate your game?

Evaluating your game as you make it allows you to think about ways in which it can be improved. Evaluation may also involve the views of other people who play your game.

Key Learning

To set the scene.

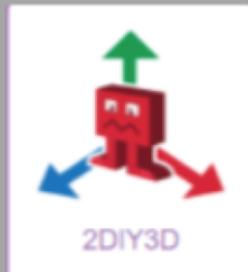
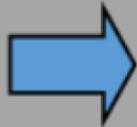
To create the game environment.

To create the game quest.

To finish and share the game.

To evaluate their and peers' games.

Key Resources

The logo for Purple Mash, featuring the words "purple" and "mash" in a stylized font on a black background.

Key Vocabulary

Animation – Creating an illusion of movement.

Computer game – A game played using a computer, typically a video game.

Customise – Modify (something) to suit an individual or task.

Evaluation – The making of a judgement about the value of something.

Image – In this case, a picture displayed on the computer screen.

Instructions – Detailed information about how something should be done or operated.

Interactive – Responding to a user's input on a computer or device.

Screenshot – An image of the data displayed on the screen of a computer or mobile device.

Texture – High frequency detail or colour information on a computer-generated graphic.

Perspective – Representing three-dimensional objects on a two-dimensional surface to give the right impression of their height, width, depth, and position in relation to each other.

Playability – A measure of either the ease by which a video game may be played, or of the overall quality of its gameplay.

Great work, Year 5 (and your adults). You've all worked really hard.

Relax and have a great weekend.

Mrs. Corless

