

Dear parents and carers,

your child will be completing assignments set by all of their teachers through Show My Homework (SMH) every week (please note there will not be any tasks set during students' normal half term week starting Monday 25 May). In addition to this Distance Learning, they will also be able to access Enrichment activities for each subject, enabling them to develop their knowledge and understanding even further. These tasks are optional and are aimed to supplement the core curriculum and to help inspire and excite our students.

Subject-based lists can be found in this document as well a number of non-subject specific enrichment activities that we would recommend your child completes, where they have capacity to do so.

Reading

Reading is the single most helpful thing your child can do to support their studies across every subject. Reading challenging texts helps to develop their vocabularies and wider knowledge base.

Whilst it might be impossible to go to the local library at the moment, children can still read by accessing e-books, audiobooks, re-reading books that are in the house, reading educational texts online, reading news articles online, reading magazines or e-magazines. The list goes on and on!

A huge library of e-books (available as pdfs) and audiobooks are available here:

<https://etc.usf.edu/lit2go>

If you've got time: Sit down and read with your child for 30 minutes every day. Read to them, ask them to read to you. Enjoy a new or well-love story together. It doesn't really matter what is being read, just read.

Watching documentaries

There is much to be learned from watching documentary films on topics you have encountered previously, or ones that are completely new.

Links

<https://www.bbc.co.uk/iplayer/categories/documentaries/featured>

<https://www.channel5.com/genre/documentary>



If you've got time: watch a documentary film with your child. Ask them what they found most interesting, what were they surprised by, what they would like to know more about.

Watching plays

In response to the school closures caused by Coronavirus, National Theatre is now offering username and password access to the National Theatre Collection. For a temporary period, plays can be accessed remotely ensuring students studying from home can still watch them.

Our access details are: <https://www.dramaonlinelibrary.com>

Username: 2BI+1Bt(I(

Password: 2Xy!4Pv/vA

Watching plays is a wonderful way to inspire. Watching classic productions such as Shakespeare helps us to understand the rich culture which we have all inherited.

The National Theatre is also streaming a free full-length play on YouTube every Thursday, available for 7 days:

<https://www.youtube.com/channel/UCUDq1XzCY0NIOYVJvEMQjqw>

If you've got time: choose a play to watch together. Ask your child what they enjoyed most about the production. What was their favourite scene, who was their favourite character and why?

Appreciating art

Art has formed a significant part in the development of our culture. Appreciating artefacts and pictures helps us to understand the world we live in.

12 world class museums, such as the British Museum, London and the Musée d'Orsay, Paris have opened up their catalogues to free, online access.

<https://www.travelandleisure.com/attractions/museums-galleries/museums-with-virtual-tours>

If you've got time: look through some of the collections together. Talk about your favourite pieces, how they make you feel, why the piece was created, what message does it try to convey?

Do some science experiments

Science helps to describe and explain the wonderful world around us. The Royal Institution website is packed full of information, lectures to watch and experiments to try at home.

<https://www.rigb.org/education/loreal-young-scientist-centre/activities-to-try>

If you've got time: choose one of these experiments and complete with your child.

Learn a new language

Now more than ever it feels that we are part of a global community. Learning a new language not only helps us communicate with others, it helps us understand different cultures and take our place in a worldwide society. Duolingo is a great place to start:

<https://www.duolingo.com/>

Of course, it doesn't have to be a spoken language. You could try to learn sign language:

<https://www.british-sign.co.uk/learn-online-british-sign-language-course/>

If you've got time: choose a language neither your child or you have ever learnt before. See if you can have a conversation in your new language next week!

Watch an inspirational talk

Speakers for Schools look for new and innovative ways to give students access to top opportunities and have launched their virtual speakers for schools initiative. They believe it has never been more important to commit to engaging with young people and supporting them in their future ambitions. They give young people who wouldn't otherwise have access to eye-opening school talks from leading speakers.

<https://www.speakersforschools.org/inspiration/vtalks/vtalks-video-library/>

If you've got time: choose a talk to watch together. What was interesting about it? What would like to find out more about?

Art

TV programmes to watch

- **Grayson's art Club: Channel 4 every Monday:**

Grayson Perry launches Channel 4 Art Club to 'battle the boredom' of lockdown

Artist will have guests including Vic Reeves and Antony Gormley to encourage Britons to get creative while at home



▲ Grayson Perry's Art Club begins on Monday - and will finish the series with an exhibition of viewers' art. Photograph: Tristan Feeney/Getty Images for V&A

Grayson Perry
English Contemporary Artist

Grayson Perry CBE RA is an English contemporary artist, writer and broadcaster. He is known for his ceramic vases, tapestries and cross-dressing, as well as his observations of the contemporary arts scene, and for discussing British "prejudices, fashion and fables".



Every art student should watch
Starting Monday 27th April Channel 4

You can send in your own art work

Antony Gormley, Tacita Dean and Vic Reeves are among the guests that Grayson Perry is inviting, via video call, into his workshop as he encourages the UK to think creatively while in isolation on a new Channel 4 show.

Grayson's Art Club launches on Monday with Perry promising to help "battle the boredom" and take viewers "on a journey of art discovery" with a six-part series of themed shows where the British public is encouraged to create their own work.

The first episode's theme is "portrait" and will feature the American-born English artist Chantal Joffe who is known for her large-scale figurative paintings and the comedian Joe Lycett, who recently changed his name to Hugo Boss, and has taken up portraiture during the lockdown.

The second episode will be animal themed, with Maggi Hambling, the British painter and sculptor, and Harry Hill joining Perry to explain their animal artwork, artistic practice and how they have been creating work during the lockdown.

Sign up to the Art Weekly email



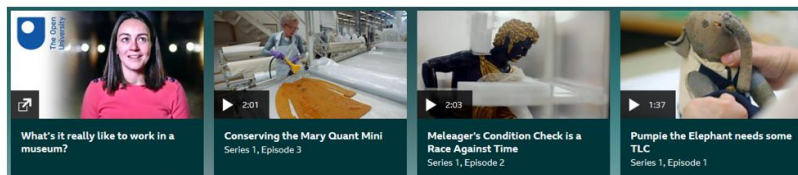
Red more here:

https://www.theguardian.com/tv-and-radio/2020/apr/23/grayson-perry-launches-channel-4-art-club-to-battle-the-boredom-of-lockdown?CMP=fb_ga&utm_medium=Social&utm_source=Facebook#chobox:1587637472

- **The Secrets of the Museum: BBC iPlayer:**

<https://www.bbc.co.uk/programmes/m000f1xp>

A fantastic programme showing what goes on behind the scenes at the Victoria & Albert Museum. This gives a really good insight into all the different jobs people do in restoring artefacts, how they acquire them etc.



To watch on Netflix

ARTFLIX

WAT Art Department

Why not check out this selection of Art and Design films and series on Netflix?

- Mrs Lowry and Son (PG)
- The Creative Brain (PG)
- Amazing Interiors (12)
- At Eternity's Gate (12)
- Abstract- The Art of Design (15)
- Bob Ross- Beauty is Everywhere (U)
- The World's Most Extraordinary Homes (PG)
- Next in Fashion (12)
- McQueen (15)

MRS LOWRY & SON

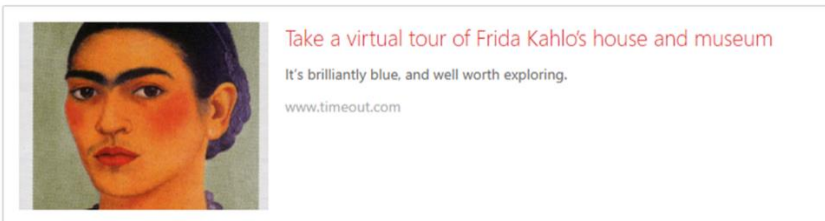
MCQUEEN

VINCENT VAN GOGH
ETERNITY'S GATE

Visual Art Gallery tours

https://hellogiggles.com/news/museums-with-virtual-tours/?fbclid=IwAR134hJHVMAXmevHkpg26kzBTvJM23f6N_Z2c53P487LniUSNxXbMA7zwG4

https://www.timeout.com/news/take-a-virtual-tour-of-frida-kahlos-dazzling-mexico-city-home-042920?utm_medium=Social&utm_source=Facebook&cid=%7Elondon%7Enatsoc%7Efacebook%7Eechobox#Echobox=1588168675



Art blogs & magazines.

- Aesthetica is a worldwide destination for art and culture. In-depth features foreground today's most innovative practitioners across art, design, photography, architecture, music and film.

<https://aestheticamagazine.com/>

- Blog Daily coverage of everything new in Urban and Street Art.

<https://streetartnews.net/>

- Google Arts & Culture is an online platform through which the public can view high-resolution images and videos of artworks and cultural artefacts from partner cultural organizations throughout the world.

<https://artsandculture.google.com/explore>

Useful Websites

- This site is a MUST for all art and photography students
<https://www.studentartguide.com/>

Art Activities



Art Home Learning Drawing challenge:

- Choose what to draw from the list. Each drawing must only be **5cm x 5cm**
- You can use any materials you like to draw the images with, for example -pen, pencil, collage, paint, digital etc.
- Present them in a sketchbook or on sheets of paper. Label each drawing with the task you chose from.

Try to be as detailed and accurate as you can. You can complete as many as you want in any order and remember that they have to all be 5cm x 5cm.

1. A building
2. A plant or flower
3. Something yellow
4. A weird creature
5. A view through a window
6. A fragment
7. Your favourite food
8. A toilet
9. A cup
10. Something rough
11. Your hand
12. Sweets
16. An item of food
17. Inside your fridge
18. A smooth object
19. Something close up
20. A key
21. Something red
22. A knife and fork
23. Inside a bag
24. A mouth
25. An eye
26. A reflection
27. An insect



Art Home Learning Photography challenge:

- Choose what to photograph from the list.
- You can use your phone or a camera if you have one.
- Present them as a power Point or in a WORD document. Label each photo with the task you chose from.

Clouds that look like something else

The contents of a pocket

Messy hair

A hiding place

A hole in the ground

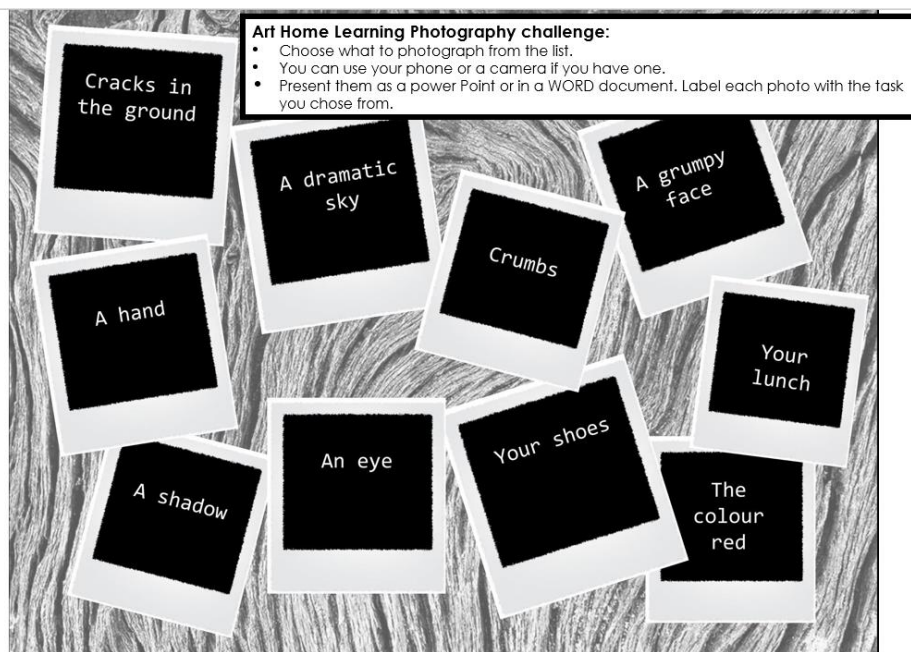
A list

Wrinkles

A reflection

The inside of your fridge

Hard work



Art Home Learning Photography challenge:

- Choose what to photograph from the list.
- You can use your phone or a camera if you have one.
- Present them as a power Point or in a WORD document. Label each photo with the task you chose from.

Cracks in the ground

A dramatic sky

A grumpy face

A hand

Crumbs

Your lunch

A shadow

An eye

Your shoes

The colour red

Business

This site contains loads of great resources to help develop your thinking around Business. They have just launched an excellent app as well



Crash Course - Watch and Study 17+

Education for everyone
Complexly LLC

★★★★★ 4.9, 624 Ratings


Free · Offers In-App Purchases

This set of learning resources is amazing - <https://www.youtube.com/user/crashcourse>



If you want to focus on what we have just started studying check this out:

https://www.youtube.com/playlist?list=PL8dPuualjXtPNZwz5_o_5uirJ8gQXnhEO



Economics
CrashCourse ✓

In 35 episodes, Adriene Hill and Jacob Clifford teach you economics! This course is based on introductory college level curriculum and the 2015 AP Economics guidelines. By the end of this course,...

VIEW FULL PLAYLIST (36 VIDEOS)
Learning playlist

36 videos

Child Development

There are two you tube clips below - watch them - it important to understand the links between - RO18 - diseases,

and primary needs plus the links to a healthy diet for children

<https://www.youtube.com/watch?v=QJkE32xwsO0>

<https://www.youtube.com/watch?v=JmGBfwWQ87I&t=1s>

An interesting documentary following 7 women of different ages who are pregnant - charts their feelings and birth of their children

<https://www.youtube.com/watch?v=F1mOtNAETRc&t=30s>

There is a new series called 'The baby has landed' which follows 6 families – this is on the BBC iPlayer.

Computer Science

Develop your understanding of and interest in Computer Science by learning something new about it.

This could be something practical like experimenting with a new programming language (e.g. Html, CSS or JavaScript) or taking your Python skills further (like learning Pygame), or maybe even building your own PC. Alternatively, you may take an interest in a more theoretical or historical aspect of Computer Science and do some research around this. What you do is up to you – the only requirement is that you create a 'Design Log' with regular screenshots or photos of what you've accomplished to share with the class on your return to lessons.

The list of resources below may help you, but you are by no means restricted to these! There is absolutely no need to spend money on this if you don't want to – the majority of the resources listed are freely available online. Good luck, and have fun!

Key websites:

Brilliant - [https:// brilliant.org/ computer-science/ computer-science/](https://brilliant.org/computer-science/computer-science/)

Think Like a Computer Scientist -

[http:// www.openbookproject.net/ thinkcs/ python/ english2e/ index.html#](http://www.openbookproject.net/thinkcs/python/english2e/index.html#)

Program Arcade Games -

[http:// programarcadegames.com/](http://programarcadegames.com/)

CodeAcademy - [https:// www.codecademy.com/ learn](https://www.codecademy.com/learn)

YouTube Channels:

Tech with Tim - <https://www.youtube.com/watch?v=i6xMBig-pP4>

Craig & Dave -

[https:// www.youtube.com/ channel/ UC0HzEBLIxlrwBAHJ5S9JQg/ playlist?shelf_id=10&sort=dd&view=50](https://www.youtube.com/channel/UC0HzEBLIxlrwBAHJ5S9JQg/playlist?shelf_id=10&sort=dd&view=50)

Computerphile - [https:// www.youtube.com/ user/ Computerphile/ videos?view=0&sort=dd&flow=grid](https://www.youtube.com/user/Computerphile/videos?view=0&sort=dd&flow=grid)

Introduction to Computer Science I", Harvard OpenCourseWare - [https:// www.youtube.com/ watch?v=z-OxZIC6pic&list=PLVjokWRPIu8G6S7LlvmBPA5rOJ9BA29R](https://www.youtube.com/watch?v=z-OxZIC6pic&list=PLVjokWRPIu8G6S7LlvmBPA5rOJ9BA29R)

Ted Talks: 20 Must See TED Talks for Computer Scientists -

[https:// www.youtube.com/ watch?v=EF692dBzWAs&list=PLF7032F8EB1A4F9E2](https://www.youtube.com/watch?v=EF692dBzWAs&list=PLF7032F8EB1A4F9E2)

Dance

Choice of **TWO** tasks:

EITHER

1. To introduce the new work that you will be studying after half term – on Facebook, follow **James Cousins Dance Company**.

https://www.facebook.com/watch/?v=1088158764887487&external_log_id=c54a1e01039b593ca889907df79d38dd&q=james%20cousins%20company

Learn the rep from 'The Secret Of Having It All'

Company dancer George is back to teach you a section from our latest dance film The Secret Of Having It All.

The choreography uses influences from tap dance in the legs, combined with gestures inspired by everyday actions such as 'getting dressed' or 'making tea' in the arms.

This is a fast paced and energetic phrase so make sure you are warm and have cleared the space around you.

Create your own section on the end by creating arm gestures and combining them with George's footwork. Try making gestures to the following actions (they can be as literal or abstract as you want):

1. Put on an item of clothing.
2. Make tea
3. Put make up on
4. Make pancakes
5. Walk the dog

OR

2. Take part in Rambert GCSE Dance Technique Classes. Tuesdays/Thursdays at 2.00-2.45 on the Rambert YouTube channel: <https://www.youtube.com/rambertdance>

The back catalogue of all classes that have already taken place are also available on this channel. The links are below to the first three classes:

<https://www.youtube.com/watch?v=fSp0sGLSKQ8> with Liam Francis

<https://www.youtube.com/watch?v=C42uNqN18FQ> with Aishwarya Raut

<https://www.youtube.com/watch?v=YOLkvssFtnU> with Brenda Lee Grech

Drama

National Theatre at Home

Every Thursday at 7pm The National Theatre are releasing one of their past productions for you to watch in the comfort of your own home. Each play will stay on their YouTube channel for 7 days.

Use this link: <https://www.youtube.com/user/ntdiscovertheatre>

Frantic Assembly – Frantic Flashback / Frantic Create

Frantic Assembly have added a range of videos that include snippets of their work, rehearsal techniques and interviews that could give you ideas for your devised pieces that you will be creating next year.

Use this link: <https://www.franticassembly.co.uk/frantic-digital>

Shakespeare for free– Online – productions from The Globe

You could watch full length plays released by The Globe on either their YouTube Channel:

Use this link: <https://www.youtube.com/user/ShakespearesGlobe>

or by going to BBC iPlayer to watch plays such as *A Midsummer Night's Dream*

Use this link: <https://www.shakespearesglobe.com/watch/#bbc-iplayer-films>

You can even take a tour of the theatre on their website!

English

Writing Competition

Life in Lockdown for Young People

This is your opportunity to write about your experience. Until midnight on Friday the 17th of June, you can submit a piece of writing about what life has been like in lockdown and during the coronavirus.

This could be a personal experience, a poem, or a creative story. All of you will have had a unique experience that is only yours, and only you can capture in words.

Your entry should be 700 words or under and you should submit online in your age category.

(Your class teacher can help you by giving advice during the writing process but the work should be your own. Any writing should also be submitted to your English teacher for in-school recognition.)

Your work will then be read by a published author, who will then pick out the five best entries from your age group. These entries will then be included in a book published by John Catt Educational called 'Generation Lockdown Writes.' There will also be a range of other prizes for the winning entries.

All the money raised from the book will go to The BookTrust charity. This is an amazing charity which supports families and young people all over the UK to get involved in reading.

Follow this link for the full details and inspiration:

<https://generationlockdown.co.uk/>

For example: Top Teacher Tips from Professor Joe Moran (Liverpool)

"Good writing often starts with learning to really notice the world. It comes from carefully looking at how other people talk and behave or how the natural world unfolds, and noting your own thoughts, feelings and actions as if you were writing about a stranger. Even if your piece of writing is completely made up, it will most likely have its beginnings in this patient observation of reality.

Now, in lockdown, with your movements restricted and normal routines on hold, you have a great opportunity to really notice your little portion of the world. Out of this noticing may come the idea for a piece of writing.

Notice nature out of your window, or when out doing your daily exercise. There are fewer planes in the sky now. How do birds move about in the air? How do they rest on television aerials, and for how long? How do clouds scud across the sky? Are the leaves on the trees fully-grown or half-formed? Do they let sunlight through them?

Notice the weather, and be specific. Is it windy enough to make a blade of grass sway? How does the earth smell after rain? Where exactly is the sun in the sky and how does it alter the way that light reflects off car windows or the walls of houses? It is probably less

noisy than before. So, what can you hear that you didn't hear before? How are the footsteps of passers-by all subtly different? How does the (probably rare) sound of a passing car or delivery van intrude on the silence?

Notice other people's lockdown rituals. Do they take the dog for a walk at a particular time? Do neighbours shout across the street at each other? What do they say?

If you learn to notice the world like this, you will never be short of something to write."



Food

Have a go at:

Making your own sourdough starter – with the shortage of yeast this is a raising agent you can use to make sourdough bread

This weblink gives provides an easy recipe to get you going
<https://www.bbcgoodfood.com/recipes/sourdough-starter>

this link gives a little more explanation, but makes a larger quantity
<https://www.greatbritishchefs.com/recipes/sourdough-starter-recipe>

or Make your own cheese- see the next page for a simple ricotta cheese.

Programmes that are interesting:

Inside the factory – currently on BBC 2

There is a huge availability of MasterChef and other cookery programmes to hone your skills

On YouTube – check out the Fun Kitchen – this has a variety of recipes and scientific explanations of how ingredients work

Can I make perfect soft cheese at home?

Can I make perfect **SOFT CHEESE AT HOME?**

Like brewing beer at home, cheese-making can be a simple or involved process.

Cheese-making kits are available, which include recipes and “cultures” (pre-prepared and carefully measured packets of microbe spores). Unfermented cheese, however, can be made at home without any specialist equipment, culture samples, or even rennet, the enzyme commonly used in cheese-making (see right).

The first stage in making cheese is to curdle milk. Microbes in milk, specifically bacteria called *lactobacilli*, digest milk to create lactic acid, causing this. Most milk proteins, called casein proteins, are sensitive to acid so lose their shape and stick to one another. Acids can also be added directly without the help of bugs; this is done with paneer and mascarpone, when vinegar or lemon juice is added to warm milk. Curdling milk is made easier by adding the protein-breaking enzyme rennet, found in calf’s offal. This curdles milk rapidly, causing casein proteins to clump in a structured way. Ripening bacteria, fungi, and yeasts can be added to develop flavours. Hard cheese is pressed and left to ripen for weeks or months. The step-by-step below is a simple recipe for making soft cheese using an acid for the curdling process.

FOR VEGETARIANS

VEGETARIAN RENNET IS
MADE BY GROWING MOULDS
THAT PRODUCE ENZYMES
SIMILAR TO THOSE IN
CALF RENNET.

MAKING SOFT CHEESE

This quick recipe for ricotta-style soft cheese produces a cheese that is far fresher than its shop-bought equivalent. Cheeses are best stored loosely wrapped (and in an airtight container if refrigerated), if at all, and ideally should be eaten at their ripening temperature as flavour molecules in chilled cheese are not released as readily.

IN PRACTICE



#1

CURDLE AND SEPARATE THE CURDS
Pour 1 litre (1¾ pints) whole milk into a saucepan over a low heat. Heat gently to 74–90°C (165–194°F). Remove from the heat. Add 1½ tsp salt and 2 tbsp white wine vinegar or the juice of 1 lemon to unravel the proteins. Stir, then cool for 10–15 minutes until the mixture has curdled and the curds have separated.



#2

DRAIN OUT THE REMAINING WHEY
Remove the more solid curds from the liquid whey using a slotted spoon. Place the curds in a muslin bag. Tie the bag with string and hang the curds over a bowl or sink to allow the excess whey to drip out. For very soft ricotta, drain for 20–30 minutes, or leave overnight for a crumbly, dry texture.



#3

SERVE IMMEDIATELY OR CHILL
Unwrap the bag to reveal the set curds, then serve the soft cheese straight away, or place in an airtight container and store in the fridge for up to three days.

<https://www.youtube.com/channel/UCx1EKuKyJIV7GAUIJW8sFLw/videos>

French: culture quiz

Try to answer as many questions as possible without looking at the answers. All questions are linked to important historical figures, events and traditions and facts and would all be interesting to research.

History

1. Eleanor of Aquitaine was married to which king of England?
2. In which year did the English and French armies fight the Battle of Agincourt?
3. What is the name of the peace agreement that the governments of the UK and France signed in 1904?
4. Who, on 25th July 1909, became the first person to fly across the English Channel?
5. Which celebrated World War II general became president of France in 1958?

Miscellaneous

6. What is a TGV?
7. Which popular children's character is known in France as Oui-Oui?
8. On which date each year do the French celebrate their National Day?
9. Which celebrated French playwright was born Jean-Baptiste Poquelin?
10. What is the name of the children's book written by Antoine de Saint-Exupéry and first published in 1943 which has sold over 80 million copies worldwide?

Sport

11. In which year did France host and win the football World Cup?
12. Which sport would you expect to see played at Roland-Garros?
13. In which year was the first ever Tour de France?
14. What colour jersey is worn by the leader/winner of the Tour de France?
15. Which French town has hosted an annual 24-hour sports car race since 1923?

Geography

16. At the closest point, how many miles separate England and France?
17. How many regions are there in mainland France?
18. In which region is the city of Strasbourg?
19. With how many countries does mainland France share a border?
20. What is the name of the French-speaking province of Canada?

Answers

1. Henry II
2. 1415
3. l'Entente Cordiale
4. Louis Blériot
5. Charles de Gaulle

6. A high-speed train (train à grande vitesse)
7. Noddy
8. 14th July
9. Molière
10. Le Petit Prince (The Little Prince)

11. 1998
12. Tennis
13. 1903
14. Yellow
15. Le Mans

16. 22
17. 22
18. Alsace
19. Eight (Belgium, Luxembourg, Germany, Switzerland, Italy, Monaco, Spain, Andorra)
20. Québec

Each day there is a geography challenge, this will be in the form of a virtual fieldtrip. You can pick which trip you go on and then you are tasked to write a report, fact file, picture file on what you experienced you can choose.

Please submit work to your geography teacher with the possibility of it being put on the virtual gallery.



You can complete them all or just choose the ones that interest you – your choice

You are in London.
What makes this a popular place to live?

<https://www.youtube.com/watch?v=m9ECIKAIYeQ>



You are in Sydney, what can you see? Why would you want to visit here?

<https://www.youtube.com/watch?v=OrIDTJH2ZYM>



You are in the Amazon rainforest. what can you see?

<https://www.youtube.com/watch?v=JEsV5rqbVnQ>



You are exploring the Sahara Desert, how does the climate, vegetation differ to the UK?

<https://www.youtube.com/watch?v=RdFkC6Gtb5A>

You are climbing Mt Everest, how are you feeling? What are you experiencing?

https://www.youtube.com/watch?v=2_ybcAWTLeE

Why would Combe Abbey act as a tourist attraction?

https://www.coventry.gov.uk/info/136/coombe_country_park/498/coombe_country_park



You are diving in the coral reef, what are you seeing? Why do they need protecting?

<https://www.youtube.com/watch?v=ZLfS1oTfUM8>



You are in Nairobi, Kenya. How does this differ to London?

<https://www.youtube.com/watch?v=R3gF0Rohr-A>



You are walking the River Severn, what do you say? How does it change?

<https://www.youtube.com/watch?v=M48ANM3hAQ>



You are working on a windfarm, what do you see, why is it a renewable energy source?

<https://www.youtube.com/watch?v=1kUE0BZtTRc>



Let's visit Santa. What is the climate like? What type of Biome is this?

<https://www.youtube.com/watch?v=fzqI2iVt1C0>



You have taken a trail to the Norfolk coast, why do you think it's important to protect the coastline?

<https://www.youtube.com/watch?v=2dvIBsM2VvI>

You are in Pompeii, why is this city famous?

<https://www.youtube.com/watch?v=YIZ4aSKT3mo>



You are in California, it is known for having lots of tornadoes, why?

https://www.youtube.com/watch?v=Kw33_HepH0g



Graphics

Learning Photoshop Techniques



The best way to learn and develop your skills using Photoshop and Illustrator is to watch YouTube tutorials and practice loads of techniques.

Three YouTube channels; Piximperfect, Photoshop Tutorials and Photoshop Training Channel are great channels that I have used loads of time to learn different techniques.



To develop your skills and confidence using Photoshop, watch and follow along with as many tutorials as you like and create your own version of the tutorial.



Find the one you like the most and have a go at your own designs. These can be based on your coursework or a random task, just to learn how to do it, it is up to you.

I would love for you to send me your creations to see what you have achieved.

History

Read the article here <https://bit.ly/36laMIM> about Medieval Medicine and the Black Death. Please complete these questions:

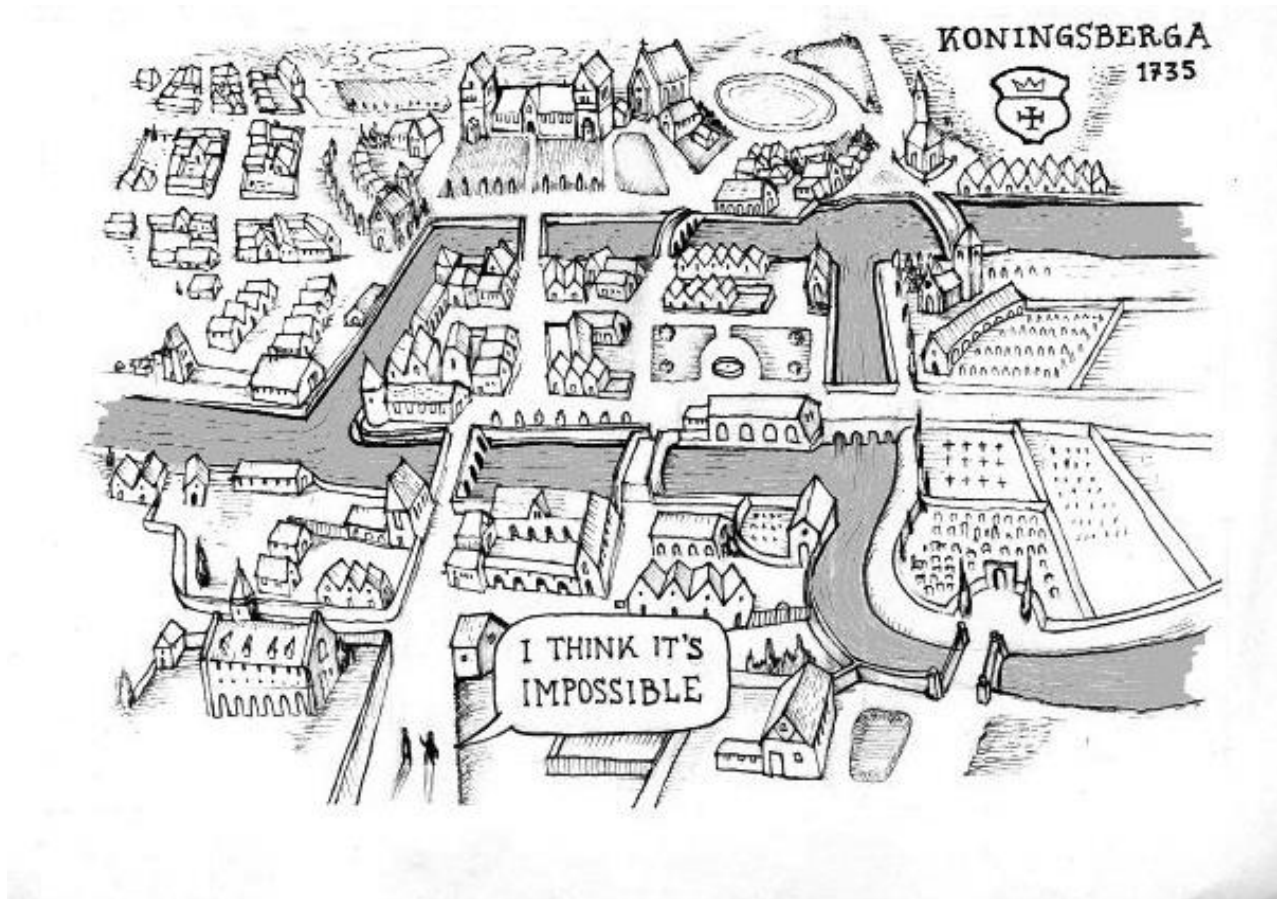
1. Summarise the article in 5 sentences - what is it about?
2. Write down 5 facts from the article.
3. Were you surprised or shocked by any of the information in the article- explain why?
4. Explain whether you enjoyed reading it or not - why/why not?
5. How does this relate to our course about Medieval Medicine?
6. Write down a list of words from the article you did not understand - lookup and write down their definitions.

Maths

The Bridges of Konigsberg

This is your opportunity to explore one of the most famous and most interesting of mathematical puzzles – walking over all the bridges in a Prussian city called Konigsberg (now the Russia city of Kaliningrad).

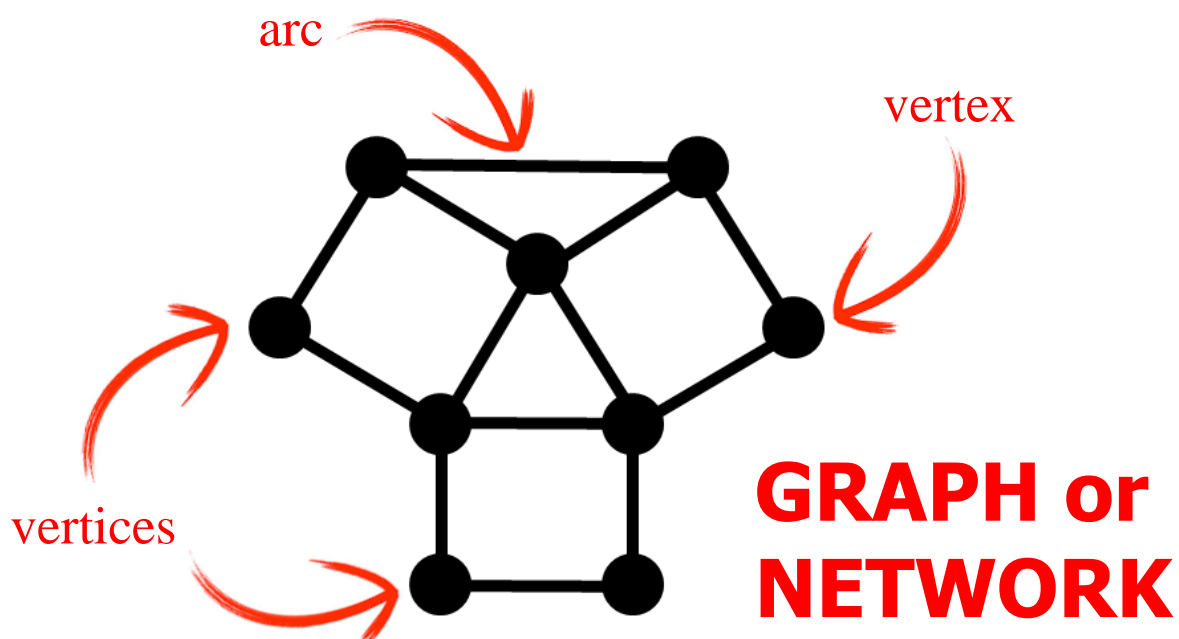
You need to work through this PowerPoint <https://bit.ly/2ZmI7Se> and complete these two worksheets <https://bit.ly/3e3CwEA> and <https://bit.ly/3g9z6IE>.



Investigations in graph theory: the Königsberg problem

Vocabulary support

Network/graph	A set of objects connected by lines
Vertex	An object represented by a dot in a network
Vertices	The plural of <i>vertex</i>
Arc	A line connecting two vertices in a network
Arcs	The plural of <i>arc</i>
Traversable	A network you can travel around using each arc once and only once
Non-traversable	A network you cannot travel around using each arc once and only once
Conjecture	Something you believe to be true based on patterns you have spotted but that has not yet been proved
Odd vertex	A vertex with an odd number of arcs protruding from it
Even vertex	A vertex with an even number of arcs protruding from it



Creative Media

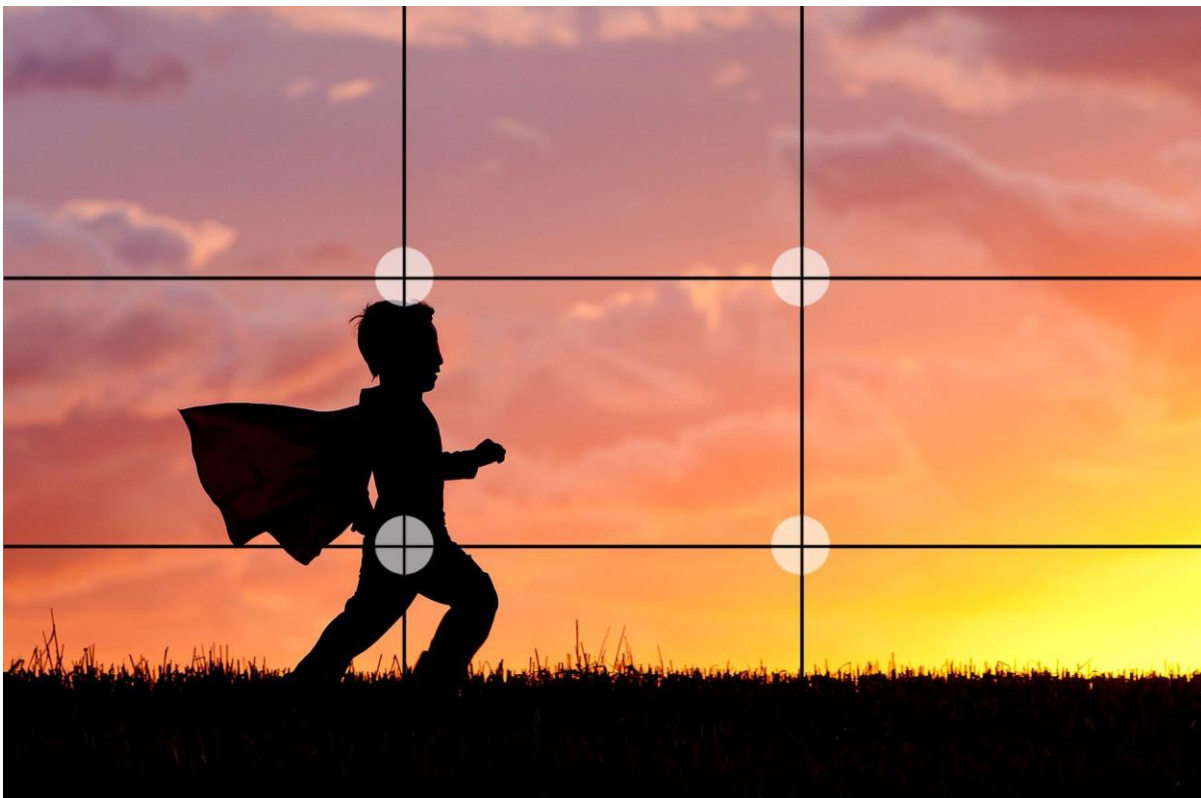
Expand your knowledge of practical media techniques and composition by watching the following YouTube video:

https://www.youtube.com/watch?v=Jc_uf43wU3s

Note down the following:

1. What is the rule of thirds?
2. Why is head room important?
3. What is the first shot type you would typically want to use in a scene?
4. What other composition points are important?

Once completed, have a go at taking photos using the rule of thirds. You can use your phone to take a photo or record a short video. Make sure your subject is directly on one of the vertical lines seen below:



Send any photos or videos to lkirkwood@wootton.beds.sch.uk

Music

A little pick me up...

You have probably seen James Corden's version of Carpool Karaoke, well why not create one yourself? If you're heading out to the supermarket or out for your daily exercise with a parent/carer, why not try putting on your favourite song, having a good sing-song and share on our Twitter page - @watmusicdept... extra points if you include a choreographed version!

Lockdown Rockdown

If you have no musical instruments available in your home, why not consider making a musical cover to one of your favourite pop songs? To do this, you could simply find some 'instruments' from your kitchen and work with family members to create a rhythmic backing. Add your vocals over the rhythm and there you have it, your very own **Lockdown Rockdown!** If you have a smartphone available and you are up for gaining some 'likes', why not upload a clip to our Twitter page - @watmusicdept – enjoy!

Serato Lite – DJ

Serato Lite continues to be a free download whilst schools are closed to Covid-19. This is a wonderful package and in very little time you can learn to beat-match and create your own playlist, making your dreams of becoming the next big DJ a greater possibility. The software only requires the use of your computer keyboard, so no need to buy any mixing desks at all.

Parody Songs

If you're a whizz with literary skills, then why not consider taking a hit song from 2020 and changing the lyrics to fit the current circumstances. We would love to hear your creativity. If you're really feeling brave, then why not consider posting a clip on our Twitter page: @watmusicdept.

Review a Concert

If you're feeling in the mood for a cultural afternoon, then why not head to YouTube and search for a BBC Prom to watch. There are some great clips online of Proms from previous summers and if you look around there is bound to be something to suit all musical tastes. Why not sit back, watch, listen and even write a brief tweet about your thoughts - @watmusicdept.

PE

Documentary on Drugs in Sport and the difficulties authorities have in tracing drugs and stopping cheats. This is a topic that is on the specification and will help students understand why athletes take drugs.

<https://www.youtube.com/watch?v=kKFC61RJ4Gc>

PHSCE

Blackout! A cyber-attack has cut off all power across the UK. Shops have run out of food. Black market prices for water and the cost of bread doubles by the hour. There is no end in sight. Public order is breaking down. Should you do the right thing? Or should you do what it takes to survive?

Our five immersive films follows two young people navigating a national crisis and brings to life the importance of building character. The accompanying classroom resources and broad variety of curriculum-linked activities encourage peer-to-peer learning and help your students develop vital life skills such as communication, working under pressure, working as part of a team and problem solving, all of which will last a lifetime.

Lesson 1: How showing respect can help diffuse tension and resolve conflict.

Lesson 2: Why integrity is important for learning.

Lesson 3: What it means to be resilient, and strategies to complete tasks under pressure.

Lesson 4 and 5: Using compassion and empathy to suggest a resolution to conflict, and how compassion can contribute to a healthier society.

Drawing on the Army's core values, this suite of innovative PSHE resources supports schools in fulfilling an essential part of the Ofsted Framework: their character education provision.

<https://apply.army.mod.uk/base/lessons/character-education>

Physics

Extended Writing Task: Optical Fibres

Describe how optical fibres work, discuss the advantages and disadvantages of using optical fibres for communication. Describe how the disadvantages of optical fibres can be prevented. You should include:

- Details of how optical fibres work. A labelled diagram would be beneficial in this section.
- Uses of optical fibres – there are wide range of applications, you should try to include information on at least three of these.
- Advantages of optical fibres over electricity cables.
- Optical fibres can lose their signal strength if transmitting over large distances – how can this be prevented?

Your write up:

Do not just copy and paste! This is an opportunity to practice looking at information from a wide range of sources and summarising it in a single document.

It must contain references - if you already have a preferred referencing style use that, otherwise see the note below.

Introduction:

Optical fiber cables, how do they work? | ICT #3

<https://www.youtube.com/watch?v=jZOg39v73c4>

Optical Fibres - A Level Physics

https://www.youtube.com/watch?v=Zeo3UOk7_vA

Referencing:

You must give credit when you use information taken from a website/video/book/article/etc. You cannot just copy and paste large chunks of text. However, you can quote from sources, just ensure you use speech marks and include the source in your bibliography.

You can use whatever referencing style you are most comfortable with. If you are not used to writing references I recommend the using this link as it will help you format references in the Harvard style, which is quite commonly used.

<http://www.neilstoolbox.com/bibliography-creator/>

RE

1 – Watch this documentary on YouTube: Professor Green: Living in Poverty
<https://www.youtube.com/watch?v=PopPIAXcWDE>

Interesting things I saw...	Interesting things I heard...
Questions I would ask...	What could we do to help prevent poverty?
How would a Christian respond to this poverty?	How would a Buddhist respond to this poverty?
Notes about the documentary...	

2 – Watch this BBC Documentary on YouTube - A World Without Down's Syndrome

<https://www.youtube.com/watch?v=x16wGajCHIw>

Things I found interesting...	Questions I would ask...
Arguments the documentary made to support abortion...	Arguments the document made to argue against abortion...
What would a Christian argue?	What would a Muslim argue?
Notes about the documentary...	

3 - Read 'Sophie's World' by Jostein Gardner (available as an audio book)

<http://people.tamu.edu/~sdaniel/Sophie's%20World%201-184.pdf>

Things I found interesting...	Questions this book made me consider...
What does this book suggest about philosophy?	
Notes about the book...	



4 – If you have access, watch this on **Netflix: The Story of God with Morgan Freeman**

Select one of the episodes across the three seasons.

Things I found interesting...	Questions the episode made me consider...
How does this link to my PRE lessons?	
Notes about the episode...	



Spanish

1. El Carnaval de Cádiz

a.



2. Navidad en Barcelona

b.



3. Día de los Muertos en Oaxaca

c.



Match the photos with the traditional celebration they represent.

2. Read the sentences below and say to which celebration they refer to. Use key words, you do not need to understand everything.

El Carnaval de Cádiz

La Navidad en Barcelona

El Día de Muertos en Oaxaca

1. Se celebra normalmente en febrero.
2. La gente pone un árbol con adornos de colores, y una estrella en su casa. También es tradicional poner un belén, que es una representación con figuritas del nacimiento de Jesús.
3. Es una de las fiestas más importantes de México.
4. Una tradición típica en esta fiesta es cantar canciones satíricas y humorísticas que critican a los políticos y los famosos.
5. Durante los días de la fiesta, se pueden ver esqueletos y calaveras que representan a la muerte.
6. Esta fiesta se celebra en diciembre y principios de enero.
7. Las personas decoran las tumbas de sus familiares muertos con comida, dulces y otros adornos.
8. Esta es una celebración muy típica de una ciudad del sur de España.
9. En esa celebración un plato típico es el pavo. También se comen turrón y un pan típico de la ciudad.
10. Esta fiesta se celebra el 1 y 2 de noviembre.
11. Las familias se dan regalos en esta fiesta.
12. La gente se disfraza de cosas diferentes: de fantasma, de pirata, de princesa, de bruja etc.

Answers

1. 1b, 2a, 3c

2.

El Carnaval de Cádiz	La Navidad en Barcelona	El Día de Muertos en Oaxaca
<ul style="list-style-type: none">• 8• 12• 1• 4	<ul style="list-style-type: none">• 2• 6• 11	<ul style="list-style-type: none">• 3• 5• 7• 10

Textiles

Every Wednesday evening **BBC 1 9PM** (or catch up on **BBC iPlayer**)

Great British Sewing Bee Series 6



Watch and learn how to do (and how not to do) lots of various techniques.

If you have any sewing thread and fabric (could be recycled?) You can be creative and try this challenge:



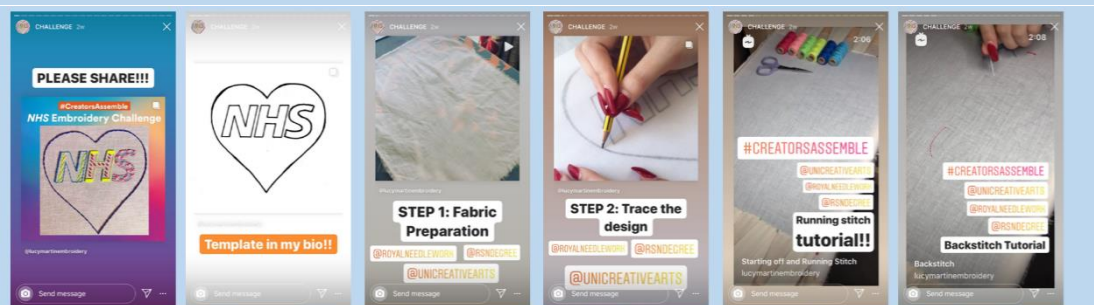
NHS EMBROIDERY CHALLENGE

Lucy Martin, a Textiles Artist and University student at London's Royal School of Needlework is the creator of the NHS Embroidery Challenge. Despite only launching the project a matter of weeks ago the challenge has already had a fantastic number of responses from people of various ages and skill levels wanting to pay tribute to the fantastic work of the NHS and we'd like you to get involved.

Have a go at creating your own NHS embroidery and post a photo back to me Ms Rainford and I can share your great work. There are also a number of tutorial videos on Lucy's Instagram story to get you started, good luck!



Cutesy Crafts YouTube channel has a number of different easy to follow hand embroidery tutorials - <https://www.youtube.com/channel/UCFsxhoMe7j-NyOzHeWLHcbg>



For more information and tutorial videos check out Lucy Instagram page @lucymartinembroidery

