

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 school's 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 Feewings/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 politics".



Every art student should watch  
Starting Monday 27<sup>th</sup> 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



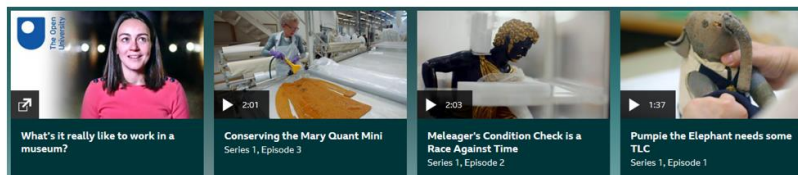
Read more here:

[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](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)



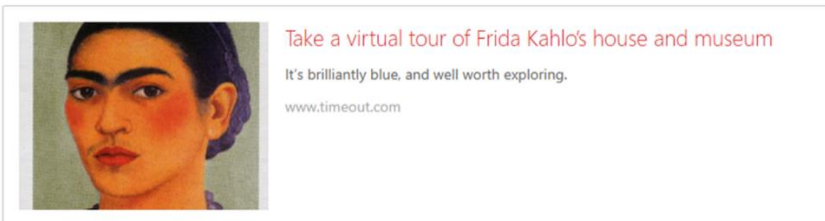




### Visual Art Gallery tours

[https://hellogiggles.com/news/museums-with-virtual-tours/?fbclid=IwAR134hJHVMAXmevHkpg26kzBTvJM23f6N\\_Z2c53P487LniUSNxXbMA7zwG4](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](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/>

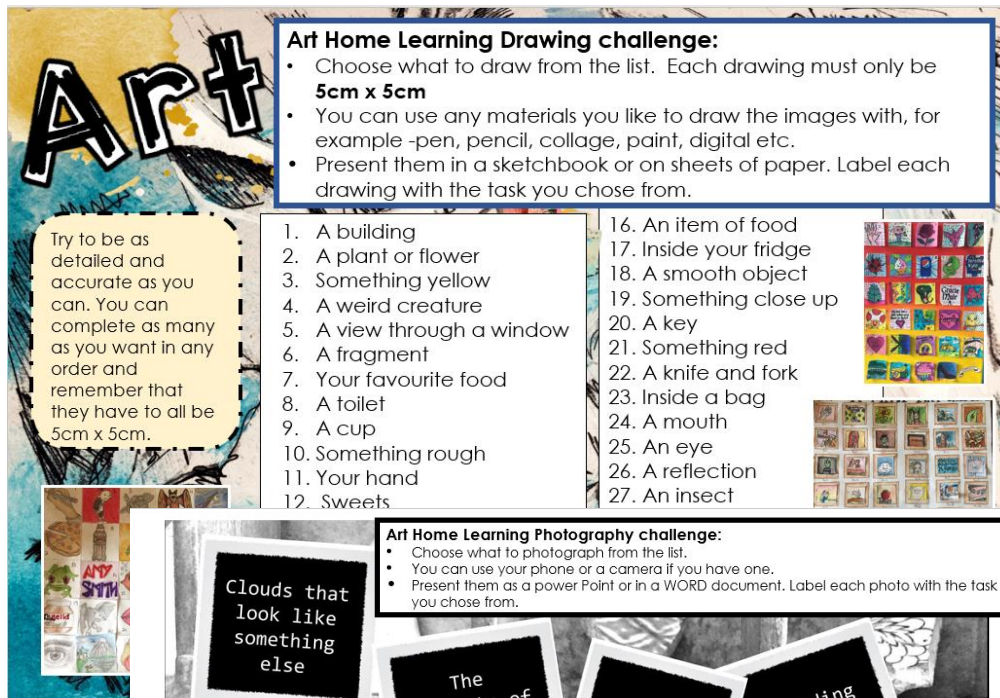
- Blog Daily coverage of everything new in Urban and Street Art.

<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>

### More Art Activities

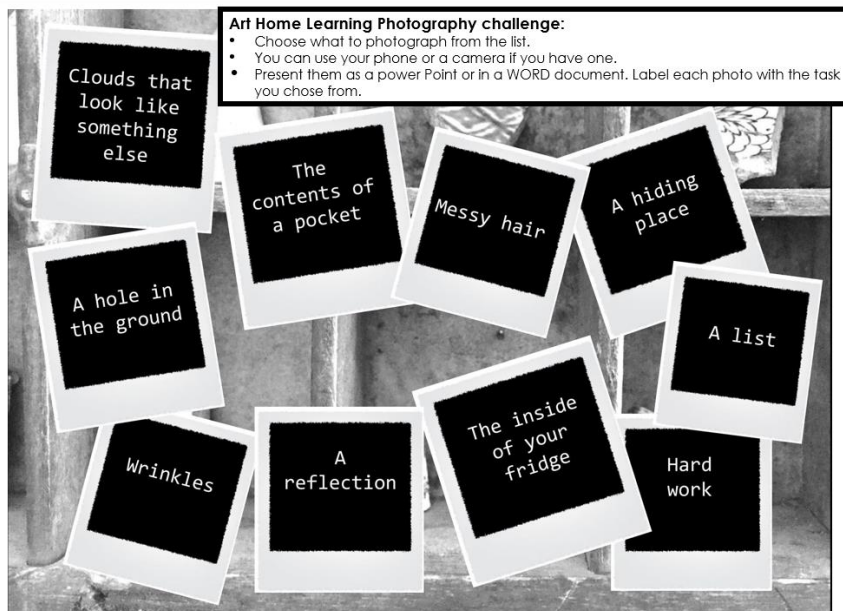


**Art Home Learning Drawing challenge:**

- 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

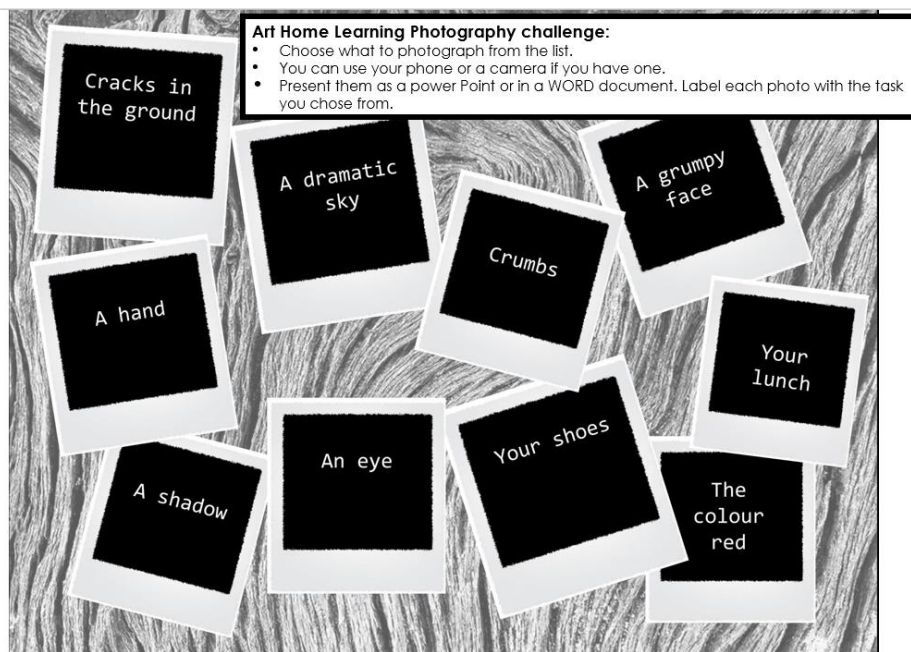
A list

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

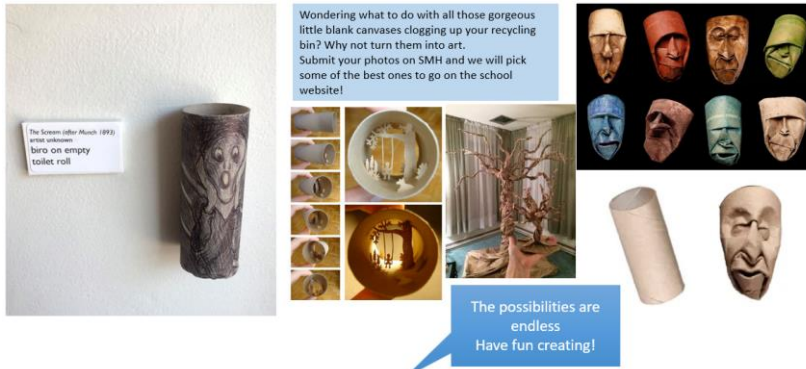
A shadow

An eye

Your shoes

The colour red

## The Toilet Roll Challenge!



Wondering what to do with all those gorgeous little blank canvases clogging up your recycling bin? Why not turn them into art. Submit your photos on SMH and we will pick some of the best ones to go on the school website!

The possibilities are endless  
Have fun creating!

### ART PAINTING without paint challenge!

EXTENDED TASK SHEET

**SAY WHAT?**

For this challenge we are wanting you to recreate a famous painting just by using the everyday objects you have around you in the home. Arrange these items into a collage so that they resemble the visual elements of your chosen masterpiece and then take a photo of your work and send it to:

[studentbulletin@wootton.beds.sch.uk](mailto:studentbulletin@wootton.beds.sch.uk)  
and we'll feature our FAVES!

**EVERYBODY SHOULD HAVE A GO!!**

Chosen painting:  
"The Starry Night"  
Vincent van Gogh  
(1889)  
oil on canvas

Recreation:  
Crayons, Lego,  
ribbons, socks, tite,  
bendy straws and  
plastic Godzillas!

### ART Googly EYES CHALLENGE!

WINNING PEEPER!

What would that innocent carrot look like with a pair of whacky eyes? Ever wondered how a stapler or a ball made of elastic bands would appear if they could stare back at you? All you have to use is one pair of stick-on googly eyes and your imagination and bring everyday objects to life!

How many different characters can you create?  
Make a collage of your best ones using a free photo app . . . . .  
Send your work to  
[studentbulletin@wootton.beds.sch.uk](mailto:studentbulletin@wootton.beds.sch.uk)  
and we'll feature our FAVES!

**EVERYBODY SHOULD HAVE A GO!!**

### ART SHADOW CHARACTERS

EXTENDED TASK SHEET

Belgian artist Vincent Bal uses shadows to make fun art!

Shadows are a dark area or shape produced by a body coming between rays of light and a surface and they are also pretty handy in art to help give the illusion of three dimensions in a painting or drawing! In this challenge we are asking you to shine a light on a found object and work with the shadow to produce an amusing or interesting image! Take a photo and then post it to:

[studentbulletin@wootton.beds.sch.uk](mailto:studentbulletin@wootton.beds.sch.uk)  
and we'll feature our FAVES!

**EVERYBODY SHOULD HAVE A GO!!**

### Dance

A practical activity linked to the research project you have completed this half term.

Instructions are in this video:

<https://www.loom.com/share/6da9f2fd7e6a4d9da88615efe7110772>

Link to source material:

<https://www.youtube.com/watch?v=GBvX7zG71SI>

### Key Words- Developing a Motif

To support with enrichment task

#### **Actions**

What movement a dancer does eg travelling, turning, elevation, gesture, stillness, use of body parts, floor-work and transference of weight.

#### **Canon**

When the same movements overlap in time.

#### **Choreographic Devices**

Methods used to develop and vary material.

#### **Choreography**

The art of creating dance.

#### **Contrast**

Movements that are completely different and contrast in action, space, dynamics or relationship.

#### **Direction**

The facing of a movement.

#### **Dynamics**

The qualities of movement based upon variations in speed, strength and flow.

#### **Elevation**

The action of 'going up' without support, such as in a jump.

#### **Levels**

Distance from the ground: low, medium or high.

#### **Motif**

A movement phrase encapsulating an idea that is repeated and developed throughout the dance.

#### **Motif development**

Ways in which a movement phrase can be varied.





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>

**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>

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

### Graphics

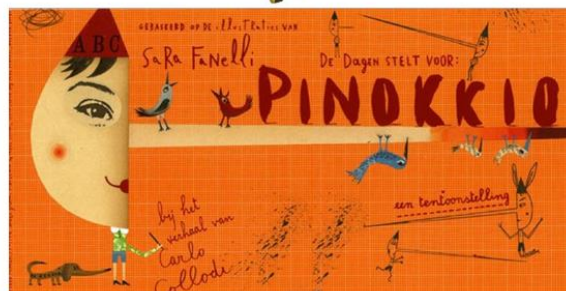
Illustration is an important element of graphics design. It is the ability to develop your own interesting and creative visual interpretations of a piece of text.

The most common type of illustration is the drawings that show the viewer what is happening in a story. This could be a book cover, illustrations in children's books, Graphic novels, comics video games, and posters.

- Choose one of the three styles that best suits your choice of story and the way you would like to work in.
- Copy and paste examples of work by 4 Illustrators that you like. Include their names.
- Then create your own design of a character from your story combining elements of all 4 different illustrators' ideas to create your own unique drawing.
- Draw and colour it using any media.

#### Style 1: Popular Children's Illustrators

- Sara fanelli
- Maurice Sendak
- Dave Mckean
- Disney
- Quentin Blake
- Lane Smith
- Eric Carle
- Dominic Murphy
- Arthur Rackham
- Jennifer Adams
- Camille Rose Garcia



### Style 2: Illustration for adults based on the darker themes of a story

- Ralph Steadman
- Obery Nicolas
- Anton Semenov
- H R Giger
- Dave McKean
- Kay Nielsen
- Tim Burton  
(illustration or film or both)



### Style 3: Graphic Novel and Comics

- Watchmen
- Sin City
- Batman
- Sandman
- V for Vendetta
- Dave McKean
- Frank Miller
- Art Spiegelman
- Craig Thompson





### Geography and History

Each day there is a humanities 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. Submissions to your **Geography** or **History** teacher please – the best work maybe shared, with your permission, on the Virtual Gallery.



**You can choose to complete them all or just those that interest you – the choice is yours.**

It is December 1<sup>st</sup> 1955 and you are on a public bus in Montgomery, Alabama. A woman called Rosa Parks is being arrested – why?  
<https://www.youtube.com/watch?v=FPvwKP8G4sA>

You are in London. What makes this a popular place to live?  
<https://www.youtube.com/watch?v=m9ECIKAlVeQ>



It is 1540 and you are attending a banquet at Hampton court Palace with Henry VIII – what did you eat?  
<https://www.youtube.com/watch?v=11KOVvKwPFc&feature=youtu.be>

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=2dvlBsM2VvI>

It is 1948 and the NHS has been set up. Why was this such a great milestone in British history but also why did some people not like it?  
<https://www.youtube.com/watch?v=kLK0DoMpPCo>

You are exploring the Sahara Desert, how does the climate, vegetation differ to the UK?  
<https://www.youtube.com/watch?v=RdFkC6Gtb5A>

It is AD 80 and the Colosseum in Rome has just opened – what did you see when you visited it?  
<https://www.youtube.com/watch?v=OOyld1KC6kc>



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

[https://www.youtube.com/watch?v=2\\_ybcAWTLeE](https://www.youtube.com/watch?v=2_ybcAWTLeE)

You meet a famous writer from the past – who did you meet and what did you find out about them?



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

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



You watch TV in 1996 – What was your favourite TV programme?

<https://www.youtube.com/watch?v=agDaS9jlrJg>



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

[https://www.youtube.com/watch?v=Kw33\\_HcpH0g](https://www.youtube.com/watch?v=Kw33_HcpH0g)



You discover that you have family from the past that have come to Coventry from different parts of the world – what was their reasons for this?

<https://www.irishtimes.com/life-and-style/abroad/irish-heart->

Coombe Abbey - why would tourists visit here?

[https://www.coventry.gov.uk/info/136/coombe\\_country\\_park/498/coombe\\_country\\_park](https://www.coventry.gov.uk/info/136/coombe_country_park/498/coombe_country_park)



It is 1962 and the new Coventry Cathedral has opened. What was it like?

<http://www.coventrycathedral.org.uk/wpsite/>



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

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



It is 1916 and you are in a Trench in Belgium during the First World War. What can you see?

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



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

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



It is Saturday 13<sup>th</sup> July 1985 and you are at Wembley Stadium attending Live Aid – What was Live Aid and what music did you hear?

<https://www.youtube.com/watch?v=wttLk5mX>

You are in Pompeii, why is this city famous?

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



You go back 30 years and meet members of your family – what were they doing?

<https://www.youtube.com/watch?v=R6k5MVtMOnQ>

### 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 (eg. 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/ playlists?shelf\\_id=10&sort=dd&view=50](https://www.youtube.com/channel/UC0HzEBLIxlrwBAHJ5S9JQg/playlists?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-xzIC6pic&list=PLvJbKWRPIu8G6Si7LlvmBPA5rOJ9BA29R](https://www.youtube.com/watch?v=z-xzIC6pic&list=PLvJbKWRPIu8G6Si7LlvmBPA5rOJ9BA29R)

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

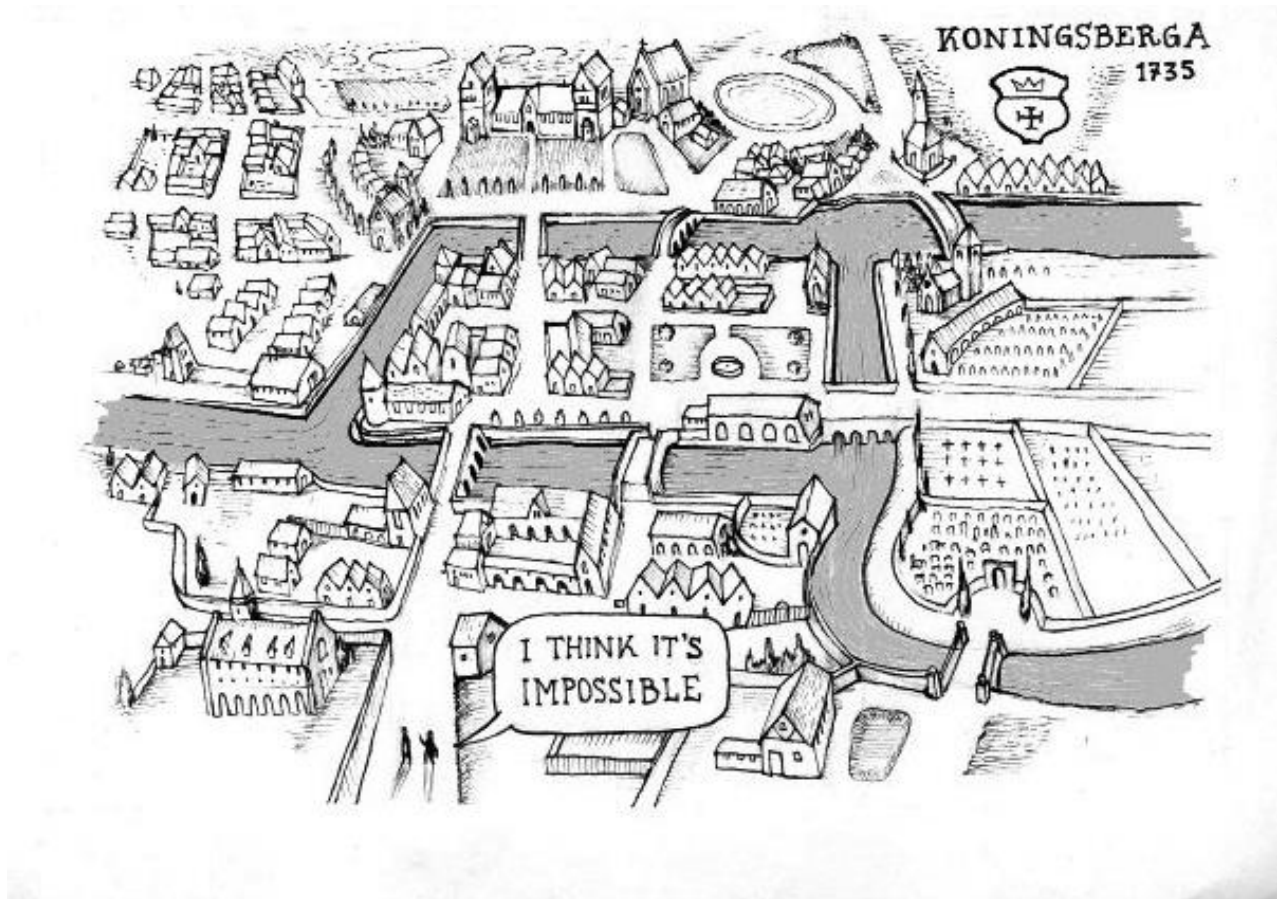
[https:// www.youtube.com/watch?v=EF692dBzWAs&list=PLF7032F8EB1A4F9E2](https://www.youtube.com/watch?v=EF692dBzWAs&list=PLF7032F8EB1A4F9E2)

### 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).

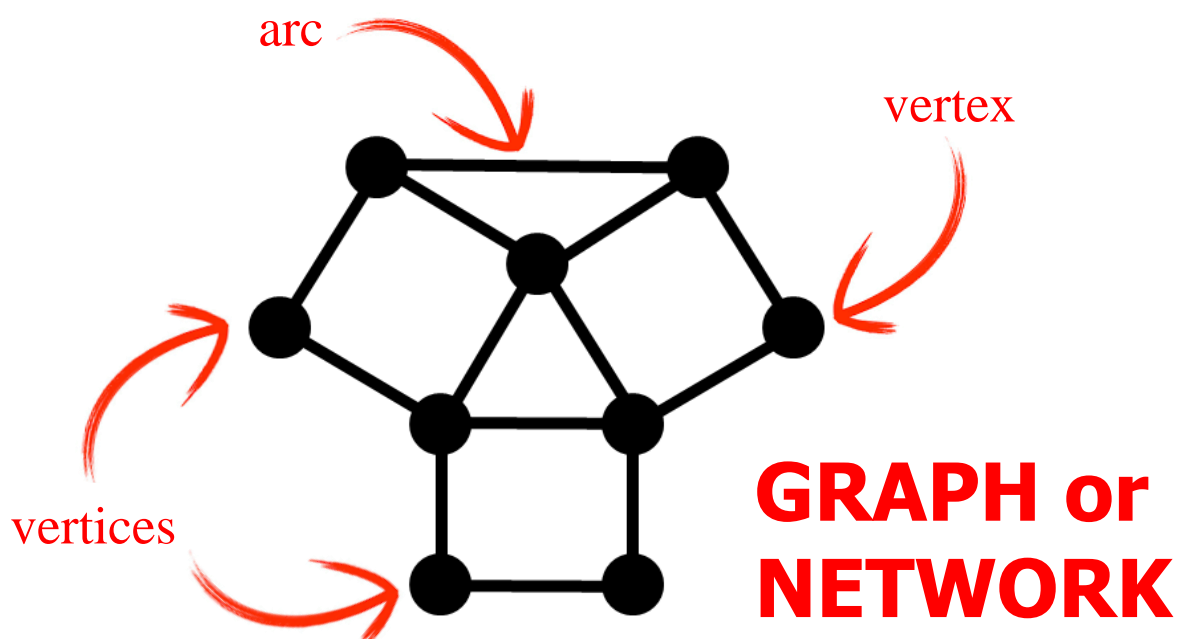
You need to work through this PowerPoint <https://bit.ly/2ZmI7Se> and complete these two worksheets <https://bit.ly/3e3CwEA> and <https://bit.ly/3g9z6IE>.



**Investigations in graph theory: the Königsberg problem**

**Vocabulary support**

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



### 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

Have a go at creating a different type of breakfast or lunch that incorporates all 3 macro nutrients (carbohydrate, fat and protein). These could be in the form of a fruit smoothie, pasta dishes, oat-based breakfasts with fruit added etc. Tag the PE Twitter account with any photos @wusPE

### 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>

PRE

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

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



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

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

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

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

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

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



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.

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



### Science

#### **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 fibre 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](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/>

### 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"><li>• 8</li><li>• 12</li><li>• 1</li><li>• 4</li></ul>	<ul style="list-style-type: none"><li>• 2</li><li>• 6</li><li>• 11</li></ul>	<ul style="list-style-type: none"><li>• 3</li><li>• 5</li><li>• 7</li><li>• 10</li></ul>

### 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:





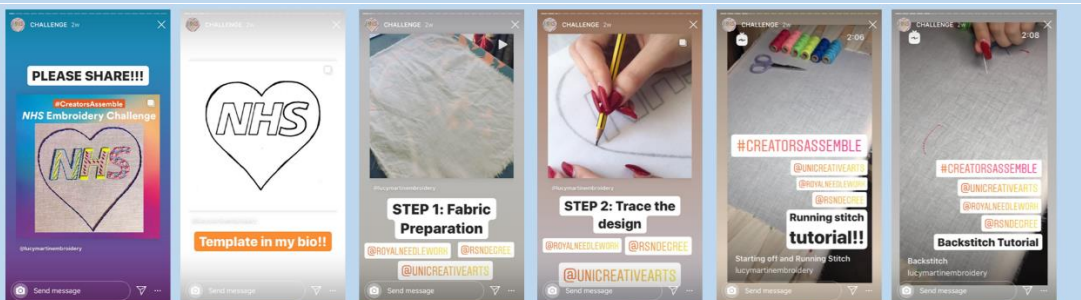
### NHS EMBROIDERY CHALLENGE

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

