



Oathall Transition Scrapbook

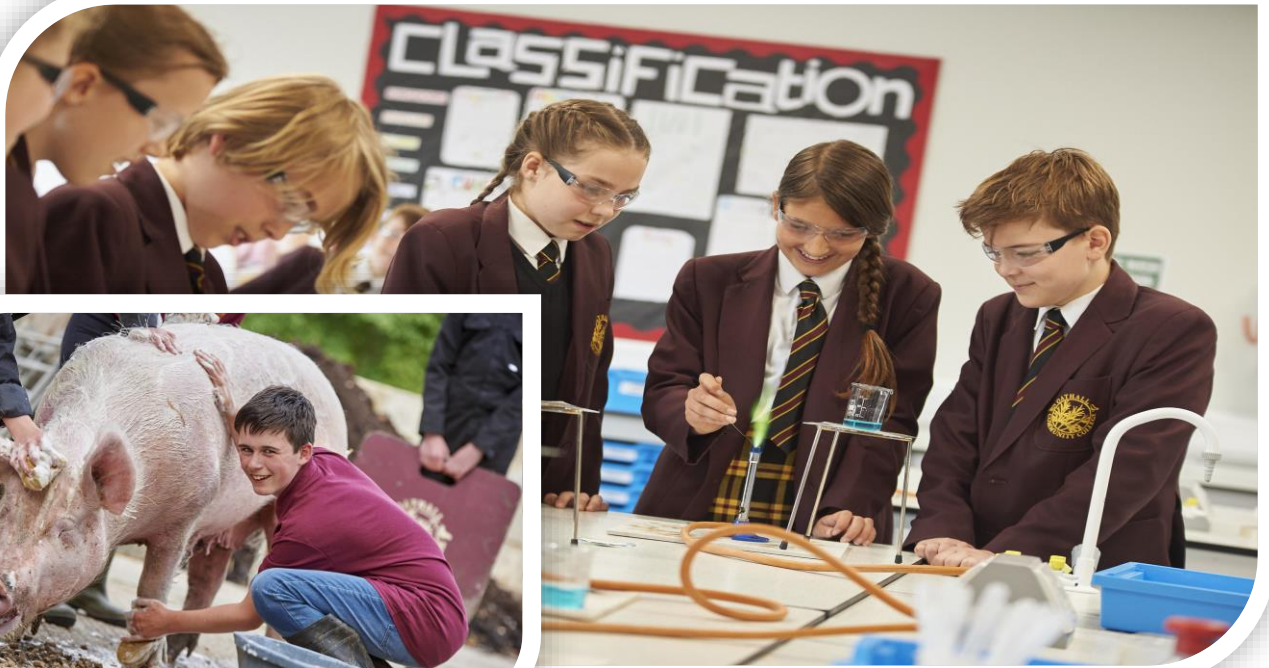


Name:

THE CLASS
OF 2020

This booklet is full of ideas for you to try over the summer holidays. **It is optional.** Your teachers look forward to seeing any of your completed work when you start. You can earn credits and points for your House.

Have fun!



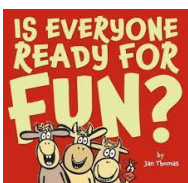
The Oathall Creative Journal

A warm welcome from the English Faculty. We would like to invite you to keep a creative journal over the summer holidays, although you can start sooner if you wish.

You can write or draw anything in your journal and in any type of genre (article, story, comic strip, playscript, poem, discursive essay, storyboard, manga etc). You can write about real experiences (non-fiction) and made-up ones (fiction). You can do your entries by hand or computer or a bit of both. We have given you some prompts on the next page in case you would like inspiration. You're also encouraged to add your own ideas. If you would like to add some pictures or decoration to your writing, please do!

Don't worry about the quality of your handwriting, drawing or spelling. We just want to give you the chance to be creative. We can't wait to see what you create over the summer.

Here are some prompts to inspire your creativity!



What would happen if 11 year olds ruled the world?

Write a story that begins: "It began after I found the red crystal."

What would you do if you woke up one morning to find yourself invisible?

Write a list of 12 things that make you feel good.

Write about something in the style of a newspaper article.

Write a story about someone who makes a discovery.

If we lived in space, how would we travel? What would we live in? Eat?

What is the best present you have ever received? Why?

Write a poem about you at age 34.



Finish this sentence: Inside my school bag you will usually find ...

Rename 10 different  crayon colours.

Become tiny and explore your  bedroom.

Write about your pets—past, present or even future!

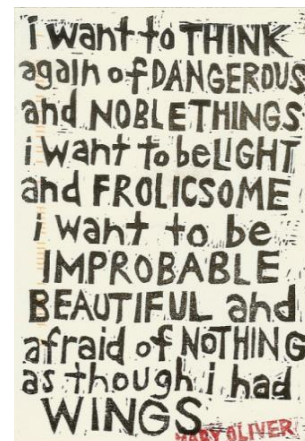
Imagine a day at the beach.

If a genie granted me three wishes...



Finish this sentence: I am truly unique because...

Create a piece of writing based on a picture or photograph.



**Whatever you choose to do, have some fun with it!
We look forward to reading your ideas!**

We're always so impressed with the variety of the journals.

How will you fill your journal?

What will your journal look like when it's finished?



MATHS

Hello from the Maths Faculty.

For this maths mission, you will need a packet of smarties to work with or any packet of sweets that have different colour sweets in.

Estimating and Predicting

1. Before you open the packet, you will need to make some careful predictions and estimations.

Estimate the following:

- a. How many smarties will there be altogether?
- b. How many different colours will there be?
- c. Will the same colours be in every tube?
- d. Will the same number of smarties be in every tube?
- e. What colour will be most frequent?
- f. What fraction of your smarties will be red?
- g. What fraction of your smarties won't be yellow?
- h. What will the weight of your packet be (g)?

Now open your Smarties

Sorting and Classifying

2. Sort your smarties into colours.

- a. How many colours are there?
- b. Was this prediction correct?
- c. Which colour is most frequent?
- d. Was this prediction correct?


Counting:

3. Count your smarties.

- a. How many are there altogether?
- b. Was your estimation correct?
- c. What fraction of your smarties are red?
- d. Was this estimation correct?
- e. What fraction of your smarties are not yellow?
- f. Was this estimation correct?

Recording

4. Create a frequency chart to record a tally of the colour of your smarties.

A large grid for recording data, consisting of 20 columns and 20 rows of small squares. The grid is empty and intended for students to record their tally of smartie colors.

Presenting

5. Use this data to create a bar chart and stick it below:

Data Analysis



6. Use your bar chart to answer the following questions.
- What colour has the highest number of sweets?
 - What colour had the least number of sweets?
 - What is the difference between the two (the **range**)?
 - What is the **mode** colour of your smarties?
 - What is the **median** colour of your smarties?
 - What is the **mean** colour of your smarties?
 - What is the difference between orange and blue smarties?
 - Think of **3** questions that could be asked about your data and write them below.

Measuring

7. You'll need a ruler for this next task. Before you use it you will need to estimate the distance you think your smarties would cover if you lined them up next to each other.
- Estimate the length you think they will cover (cm)
 - What is the actual length (cm)?
 - Was your estimate within 10cm?
8. Weigh your smarties in the box and answer the questions below.
- What was the weight of your smarties (g)?

- b. Was your original prediction correct?
- c. What was the difference between actual and estimate (g)?

Nets

10. The company that produces the smarties box is looking for a new design. Draw an outline of the Smarties box below using accurate measurements and add your new design.



Creativity

11. Can you create a game that uses your smarties? Draw your game and write the rules below.

SCIENCE

The Science Faculty are very excited to meet you to begin your journey in becoming scientists. But why wait until then, let your journey begin this summer with some of our exciting activities. These will get you to:

- ★ Investigate
- ★ Research
- ★ Listen
- ★ Explore
- ★ Read
- ★ Watch
- ★ Visit...

Choose activities from the menu to start thinking like a scientist. Try and complete one activity from each science skill.

Investigate



Separation techniques - What colours make up your coloured felt tip?

[Kitchen chromatography](#)

CLICK HERE

Tips:

- You can use kitchen roll or paper towel (the thicker the better).
- Where you put the felt tip spot do not put this under the water.

Making an indicator - [How to make a red pH cabbage indicator](#) – [Science Experiments for Kids](#)

Test solutions from around the house, are they acid, alkali or neutral?

CLICK HERE

Royal Institution - series of films with ideas for fun, easy science experiments at home -

[ExpeRimental](#)

CLICK HERE

Activities to try at home - [Science < 6-12 < Family](#)

CLICK HERE

Why do birds have different shaped beaks?

Plan an investigation to represent birds beaks and seeds to demonstrate the importance of adaptations.

[Birds, Beaks and Adaptations](#) – [Science Experiments for Kids](#)

CLICK HERE

Air resistance investigation

Is an egg less likely to break with a smaller or larger parachute. Collect some data and prove your prediction.

[Parachute Egg Drop Experiment – Gravity and Air Resistance](#) – [Science Experiments for Kids](#)

CLICK HERE



Research

Classification of living things -

How and why do we need to organise living things into categories?

Periodic table -

2019 was the 150th year of the modern periodic table. What is the periodic table, who developed it, why was/is it so important to scientists?

Isaac Newton's Disk -

Research what Newton's disk was and explain how it works.

Listen to



Brains On! - Science podcasts for kids - [Brains on! A podcast for kids & curious adults](#)

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Fun kids science weekly on spotify

What would the earth look like without volcanoes?

[Tumblr](#)

CLICK
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Explore

Food chains - Write a food chain for one of the following habitats:

- Woodland
- Beach
- Garden

Include pictures of the organisms **OR** recreate the habitat with the food chain using a shoe box (be creative!)

Sampling - Guess the number of daisys on Lindfield Common - How could you do this? Research different sampling techniques to help you.

Why do trees have different shaped leaves?

Collect leaves from plants on the ground, from trees, from plants in the shade and plants in the sun. Why are they different? How does the size of the leaf link with the size of the plant and where it is?

Read



Why don't penguins feet freeze? New Scientist

Professor astro cats atomic adventure - Dr Dominic Walliman and Ben Newman

Learn about key concepts in physic

100 Things to know about Space - Alex Frith, Alice James and Jerome Martin

Watch



Ted Talks- Earth School - [Earth School - An Immersive 30 Day Nature Adventure](#) - daily talks about the Planet and environmental issues.

CLICK
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WWF - Mon-Fri activities and talks. [wwf love nature](#)

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Watch Hidden Figures - HIDDEN FIGURES is a drama, based on true events, about a group of African-American women who were hired by NASA for their skills in mathematics and science to be a part of America's space programme in the 1960s.

Blue Planet series - [BBC One - The Blue Planet](#)

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Visit



National History Museum

[Virtual Museum: 12 ways to explore from home](#)

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Science Museum

[Virtual tour of the Science Museum](#)

CLICK
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National Museum of Natural History - New York

[Virtual Tour](#)

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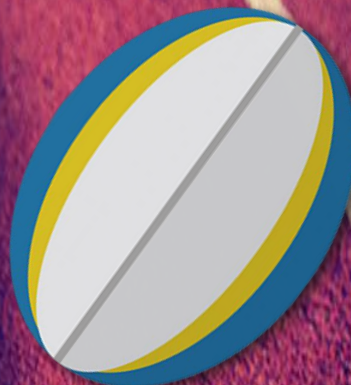
The PE teachers are looking forward to meeting you.

When you come to Oathall you will experience a variety of different Physical Activities both in your lessons and before, during and after school. We encourage all of our students to be healthy, active and happy individuals.

We would like to see how active you are over the holidays so would like you to complete this activity log each time you take part in any physical activity, walking, jogging, cycling, competitive sport or other exercise you may be taking part in.

Example

Name:	Miss Froud		
WEEK 1 Date/Day	Description of Physical Activity	Duration - How long did you do it for?	Other notes or comments
Monday 26th July	Bike ride along Brighton seafront. 12 miles.	12 miles - 40 minutes	Next time I want to do 15 miles
Tuesday 27th July	Walk on Sussex downs	2 hours	
Wednesday 28th July	Rest Day		Giving legs time to recover



Name:			
WEEK 1 Date/Day	Description of Physical Activity	Duration - How long did you do it for?	Other notes or comments
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

WEEK 2 Date/Day	Description of Physical Activity	Duration - How long did you do it for?	Other notes or comments
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

WEEK 3 Date/Day	Description of Physical Activity	Duration - How long did you do it for?	Other notes or comments
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

WEEK 4 Date/Day	Description of Physical Activity	Duration - How long did you do it for?	Other notes or comments
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

WEEK 5 Date/Day	Description of Physical Activity	Duration - How long did you do it for?	Other notes or comments
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

WEEK 6 Date/Day	Description of Physical Activity	Duration - How long did you do it for?	Other notes or comments
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

HISTORY

We cannot wait to meet you in September and get started on our exciting history programme. To help set the scene for your first topic, we would like you to design your own coat of arms. A coat of arms is a unique heraldic design on a shield or tabard. These were originally used by Medieval knights to cover, protect and identify the wearer. The design is a symbol unique to the individual or family.

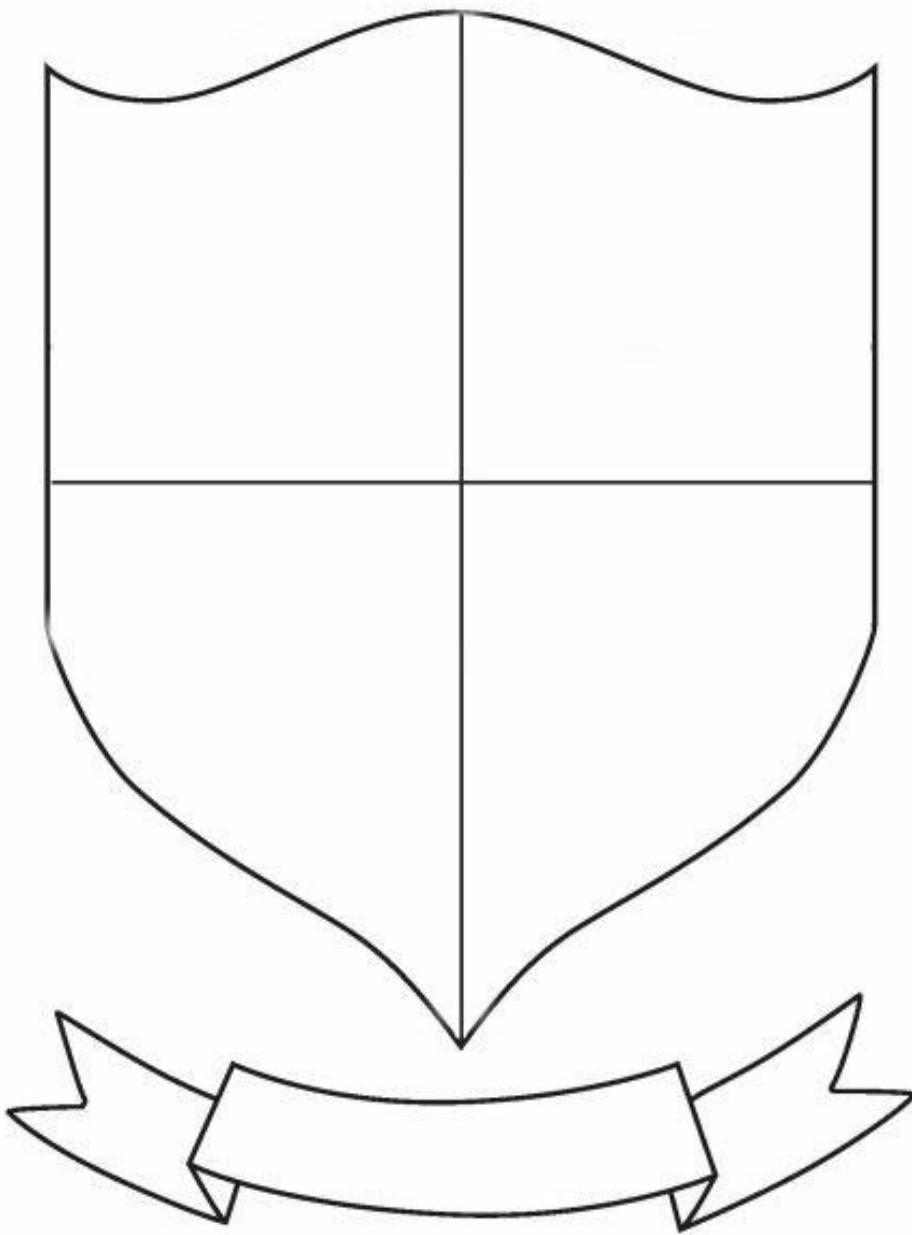


In each of the four sections draw something to represent your personal history. You can choose from the list below, or come up with your own ideas:

1. Your family origin- something to represent the town, county or country you identify most with- you could even do this twice to represent different sides of your family.
2. Your family name- something to represent either your first or last name
3. Images to represent your personality (see the Medieval examples below)
4. Your local origin- something you associate with where you live now (e.g. school, local area, home)
5. Your interests- something which represents you as an individual (e.g. hobby, pet, sport, favourite team)

If you want to, you could add a motto at the bottom- a statement which you pledge to live your life by!

Own Coat of Arms



When you join Oathall you will become an 'Oathall Geographer' and will begin your learning journey about our fantastic and ever-changing world!

We have put together a variety of interesting and fun tasks for you to try.

There are things you can;

- Make
- Research
- Watch
- Explore
- Listen
- Read

Choose something from the menu below that interests you.

Food Investigation

Get the recipe of your favourite family food and find out what herbs and spices it contains. [On a map](#), find the countries that produce those herbs and spices. Do some investigating to find out more about these countries. What kind of climates do these places have? Could you grow the same spices where you live? Why or why not?



Explore a Line of Latitude

Pick a line of latitude and use a globe to trace that line in a full circle. Make a list of the countries and other important features, such as mountain ranges or deserts, that the line of latitude passes through. Think about the similarities and differences between these countries and features.

Map Your Senses

Plot an unusual, but safe, route on a map of your surrounding area (when you go out on your daily exercise with a family member - remember to social distance!!). Use a journal to take notes on the things you see, smell, hear, touch, and taste along the way. Take photographs if you can. Then use art supplies to create a sensory map of your local area/street. Be creative! Use pens, pencils, paint, construction paper, pictures, or any other materials.

Follow a Tropical Storm's Path

Plot the path of a tropical storm/hurricane (past or present) on a map. Record [data about the storm](#) and research its effects on the people and environment

CLICK
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Listen to podcasts!!

Ask the geographer Podcast:
<https://www.rgs.org/schools/teaching-resources/ask-the-expert-podcasts/>

CLICK
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National Geographic podcasts
<https://www.nationalgeographic.com/podcasts/overheard/>

CLICK
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Living World Podcasts
<https://www.dw.com/en/living-planet-environment-stories-from-around-the-world/a-19385797>

CLICK
HERE

BBC documentaries on global issues
<https://www.bbc.co.uk/programmes/p02nq0lx>

CLICK
HERE

Find Your Birthday Coordinates

Use the month for latitude and day for longitude. For example, if your birthday is November 26, your coordinates could be 11°N, 26°E. Or, you can make four sets of coordinates for your birthday, depending on whether you use north or south latitude, or east or west longitude. [Print a world map](#) and plot your birthday coordinates. What would it be like to have a party there?

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Make a Flag

Country flags are designed to represent the history or ideals of a country. Design a flag that represents you—you can model it on your heritage, favourite activities, sports, animals, or family.

Make a Map

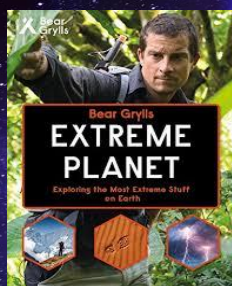
Look at an article in a newspaper, magazine, or online. How might information in the article be represented on a map? Create a map showing that information

Go on a Google Trek!!

Why don't you go on a Google Trek. Check out this website and go somewhere cool! Loads of fab places to visit!

<https://www.google.co.uk/maps/about/treks/#/grid>

CLICK
HERE



Do some geography
related reading

Modern Foreign Languages

Bonjour! Hola! Guten Tag! A very warm welcome to Oathall's Modern Languages Faculty!

We are very excited to be part of all of your language learning journeys. A person who learns a language is called a linguist, so when you join us you will become Oathall linguists! To help you prepare, we invite you to choose any of the activities from the menu below.

Languages and literacy

Are you a keen reader? Why not read a book by a writer from somewhere around the world?

A Good Day for Climbing Trees from Afrikaans

<https://www.booktrust.org.uk/book/a/a-good-day-for-climbing-trees/>

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The Murderer's Ape from Swedish

<https://www.booktrust.org.uk/book/t/the-murderers-ape/>

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Lampie from the Dutch

<https://carnegiegreenaway.org.uk/books/lampie-and-the-children-of-the-sea/>

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Toby Alone from the French

<https://www.lovereadng4kids.co.uk/book/4218/Toby-Alone-by-Timothee-De-Fombelle.htm>

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The Inheart series from the German

<https://www.corneliafunke.com/en/buecher/inkworld-series>

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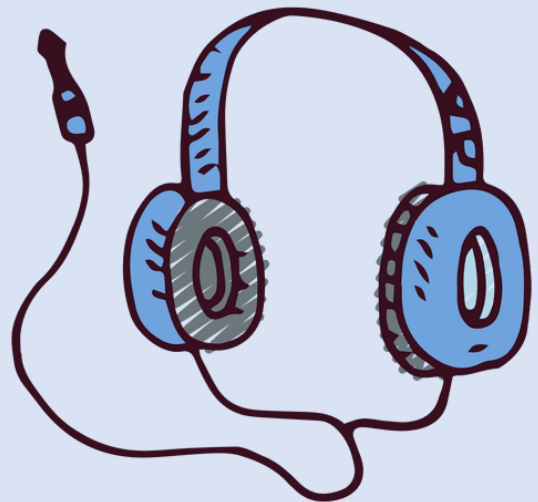
Languages and music

Is music your passion?

Explore music from all around Europe through this year's Eurovision song celebration.

<https://eurovision.tv/story/eurovision-song-celebration>

CLICK
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Languages and Art

Do you have a passion for art and creativity? Find out about one of these artists and create your own drawings in the style of the artist.

Frida Kahlo (Mexico)



Henri Matisse (France)



Paul Klee (Swiss/German)



Languages and the world

Want to know more about the world? A keen geographer?

Find a map of the world, or create your own and do some research to find all of the French, German, Spanish speaking countries around the world.

<https://www.ilovefreesoftware.com/23/featured/websites-free-world-maps-download-print.html>

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Label and decorate your map with flags, monuments or interesting pictures which symbolise that country.

There is an example below:

<http://cvln-rp.blogspot.com/2017/05/world-map-kids.html>

CLICK
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Languages and science

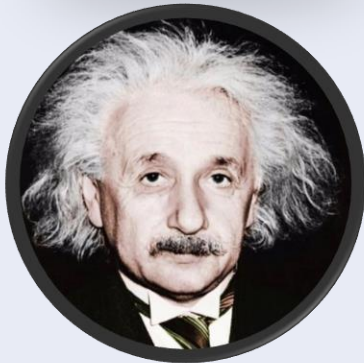
Are you a future explorer?
Do you have a scientific mind?

Complete some research on one (or more) of the following scientists:

Marie Curie (French)



Albert Einstein (German)



Margarita Salas (Spanish)



Languages and general knowledge

If you are interested in General Knowledge, try filling out one of the Factsheets about France, Germany or Spain.

Country factsheet

Name of the country

Capital city

Population

Spoken languages

Surrounding countries

Terrain/Landscape

Famous landmarks

Name of the current PM/President

Popular sports and free-time activities

Food and drink

Flag

Other interesting facts

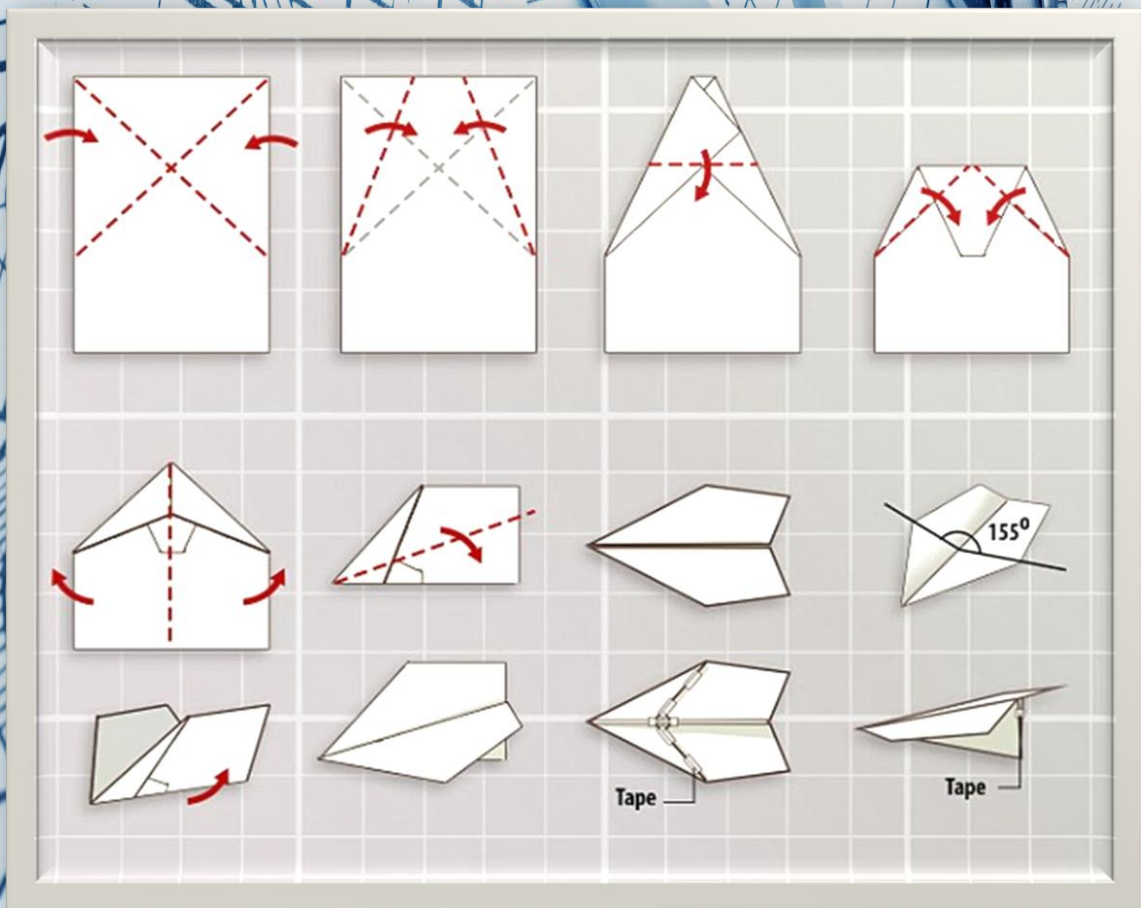
Design & Technology

At Oathall you will study many areas of Design and Technology including working with lots of different materials.

Have you ever wondered how planes fly? Designers and engineers solved this on **December 17, 1903**, when Wilbur and Orville Wright made four brief flights at Kitty Hawk with their first powered aircraft. The Wright brothers had invented the first successful airplane.

At a more basic level John Collins designed the world record paper aeroplane that flew 69.14 meters.

Below are the plans for you to follow to see if you can follow basic drawings. We have also added a YouTube link to Hear him talk about the science behind his achievement and show you how to make it. Have a go and see if you can get anywhere near the world record



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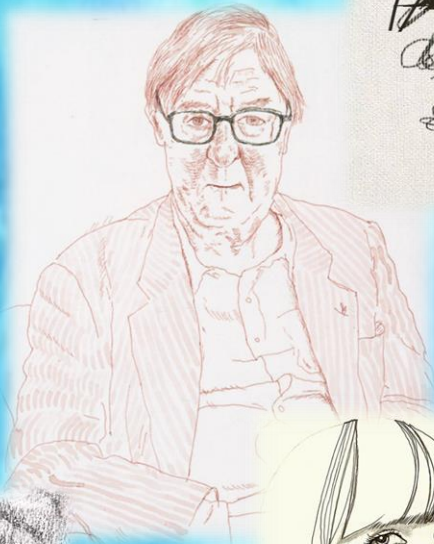
ART

Create a portrait study of a member of your family.....human or animal.

Have a look at the examples of different styles of drawing on this sheet for inspiration. Try to be expressive with your drawing style, look for tones and details.

Your portrait must be:

- Carefully observed from life or from a photograph.
- Drawn with any media: pencil, pen, colouring pencil, charcoal, pastel, paint or even a digital drawing.
- A4 size (or larger if you prefer).



MUSIC

The music teachers are really looking forward to seeing you. Have a go at some of these music alphabet activities.

A is for Adele

Name 5 other female singers with names beginning with A. Listen to at least one song by each of these artists on YouTube. Which is your favourite of these artists and why?

B is for Baroque

Baroque is a period of music history. When was the Baroque Period? Listen to a piece of music by J.S Bach on YouTube to hear what this style of music is like. What instruments were 1 used?

C is for Choir

Being in a choir is about more than just singing. Military Wives choirs started in 2010. What is a Military Wives choir and why were they first developed? How of these choirs are there now across the world?

D is for drums

Name 5 types of drums. Use google and YouTube to ensure you know what they look and sound like.

E is for Eminem

Name 5 other famous rappers. Jay Z said "Rap is Poetry". Write a short paragraph to explain whether you agree or disagree with this statement.

F is for Freddie Mercury

Which iconic band was Freddie the lead singer of? Listen to one of their songs and write a review of why you like or dislike it. Think about tempo, lyrics, instruments, dynamics and structure.

G is for guitar

Name 5 instruments in the guitar family. What do they all have in common? What is different about each instrument?

H is for Howard Shore

Howard Shore is a film music composer; he wrote the music for *The Lord of the Rings*. Listen to The Lord of the Rings Main Theme and write a paragraph outlining why you think makes a good film score.



I is for improvise

Write a definition of the word improvise. Use the word improvise in a sentence. What does it mean to improvise in music? What is the opposite of improvising in music?

J is for jazz

Listen to Louis Armstrong and his Hot Five play *Fireworks* on YouTube. What instrument is each musician in the band playing? When was this song released? The recording quality is not very good. Why is it?

K is for kora

What is a kora? Where does it come from? Name 5 other instruments from that continent. Use google and YouTube to ensure you know what they look and sound like.

L is for lyrics

What makes good lyrics? Listen to your favourite song focus on the lyrics. What is the song about?

M is for musical theatre

What is a musical? Where would you go to see a musical? Which musicals have you seen? List 2 musicals that have children in the cast.

N is for North East

Folk music tells the stories of local people. There are lots of well-known North East of the UK folk songs including: *The Blaydon Races* and *Come Ye Not from Newcastle*. Find out a bit more about them.





O is for opera

Watch Claudillea Holloway's 'Queen of The Night Aria' Blind Audition from The Voice 2020 on YouTube. Claudillea is 24 years old. Do you think she is talented? Explain your answer.

P is for Pink Floyd

Name 5 other British rock bands formed in the 1960s/70s. Listen to at least one song by each band. In what ways are they similar?

Q is for question

What music related question have you always wanted to know the answer to?

R is for retro

Ask someone you live with for the title of a song they really liked when they were your age. Listen to it on YouTube. Describe what you like/dislike about the song.

S is for sampling

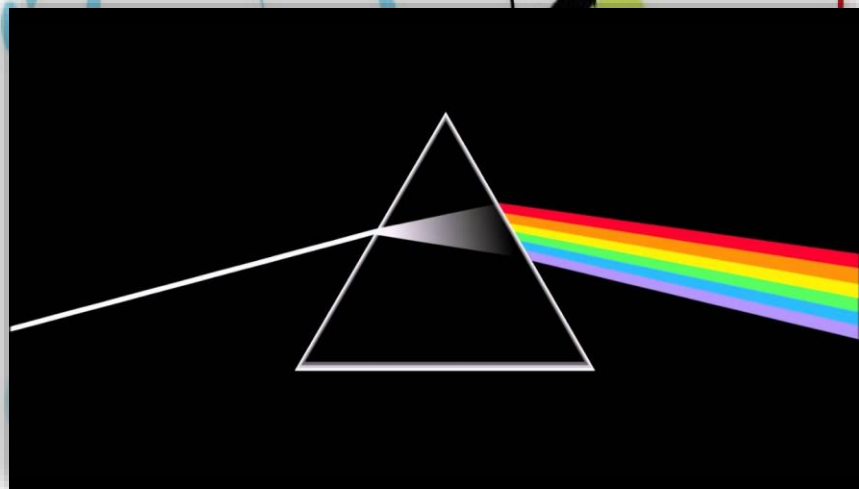
Sampling is a form of music technology used a lot in 20th and 21st century music. What is it? Do you think it makes music less creative if you use sampling?

T is for tempo

Tempo is a word we use in music a lot. It is an Italian word. What does it mean? Do you think tempo is an important feature of every piece of music? Explain your opinion.

U is for Umbrella

Umbrella by Rihanna was number 1 for 10 weeks when it was released in 2007. Listen to it on YouTube. What do you think are the key ingredients for a number 1 hit?





V is for voices

What are these four types of voices: Soprano, Alto, Tenor, Bass?

W is for the West End

What is the West End in London in terms of music? What is the equivalent in New York called?

X is for xylophone

A xylophone is a tuned percussion instrument. Name 5 other tuned percussion instruments. Use google and YouTube to check you know what they look and sound like.

Y is for YouTube

There are thousands of tutorials on YouTube to help people learn to play musical instruments. What are the pros and cons of these tutorials?

Z is for zither

Listen to the zither being played on YouTube. Name 5 other Eastern European folk instruments.



DRAMA

We look forward to meeting you soon. Have a go at some of these activities:

Drama techniques - Drama techniques are things we add to try and create a particular effect in the performance.

Here are some of the main ones but there are lots more you will use throughout your Drama lessons at Oathall.

- *Narration
- *Freeze frame/ Still Image
- *Thought track
- *Flashback/ flashforward
- *Soundscape

Task - try to look up the definitions of some or all of these so you know a bit more about what they mean!



We will also look at different genres of drama such as:

- *Comedy
- *Mystery
- *Historical
- *Slapstick



TASK - can you find out a bit about any or all of these? Perhaps you could find an example from film/TV/theatre?

Exciting introductions



Why don't you write to your new tutor at secondary school and introduce yourself? You could choose one of the "All about me" sheets to complete on the next two pages. You can email this to newstarters@oathall.org with your full name and primary school.

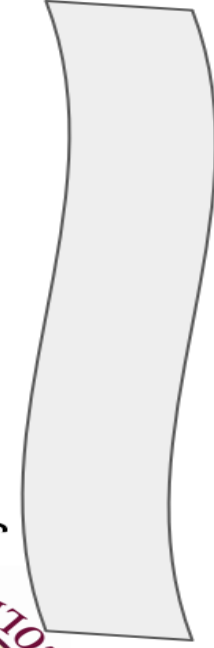




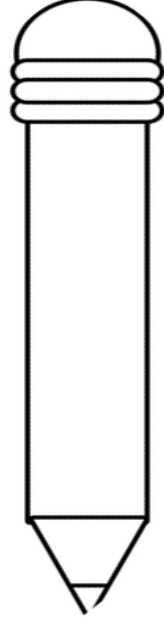
All about me

My favourite subject is:

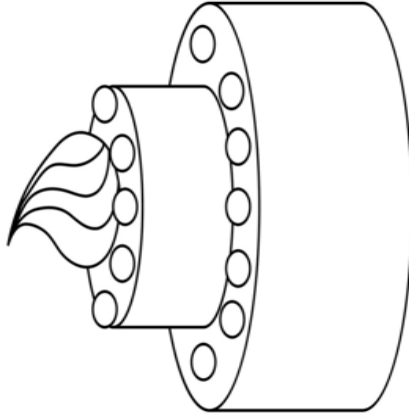
My name is:



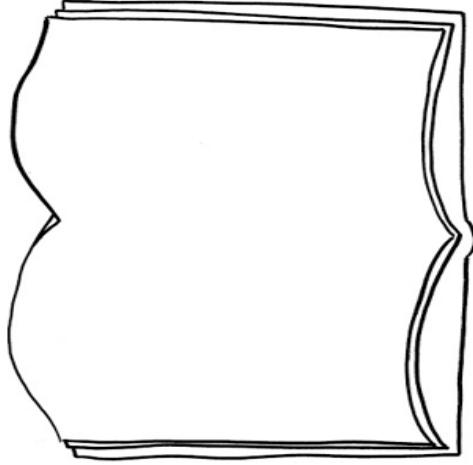
Draw a picture of yourself here or add a photo.



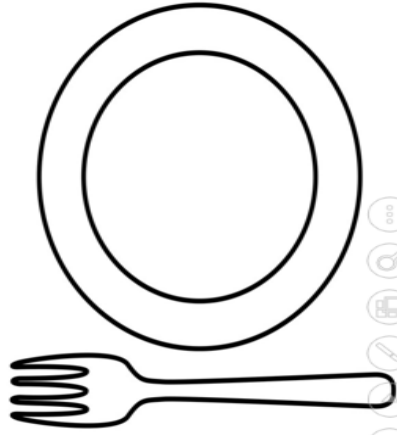
My Birthday is:



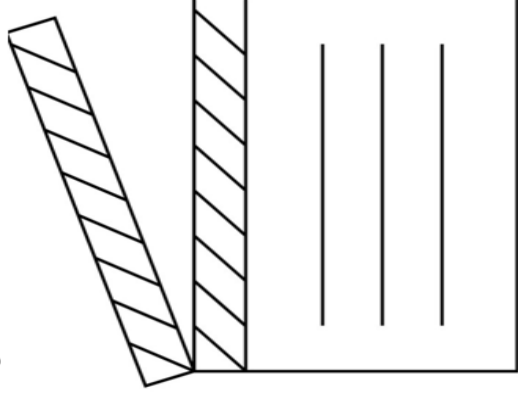
My favourite book is:



My favourite food is:



My favourite film is:



Something else I would like you to know about me:



All about me

Name:

Draw a picture of yourself here or add a photo.

My Background: (e.g do you have brothers and sisters, any pets, where were you born?)

Things I love/enjoy: (e.g do you support a sports team, what do you like doing with your family and friends?)

Do you have any ideas what you might like to do when you are older?