South Oxhey

Key Facts

South Oxhey is a large estate built on land that was formerly part of the Oxhey Hall Estate.
There was a manor house in the town, Oxhey Place, and a chapel which is still in situ.
The manor house was owned by the Blackwell family of Crosse and Blackwell fame.
South Oxhey was built after WWII to help with housing pressure after the bombings in London.
In 2020, a £150 million pound regeneration project was approved.
South Oxhey has a typical UK temperate maritime climate. Summers are mild, winters cool, and rainfall is evenly distributed, supporting greenery and agriculture.
The River Colne is the nearest river to South Oxhey and is a tributary of the River Thames.

Prior Knowledge

Greenfields is in South Oxhey.

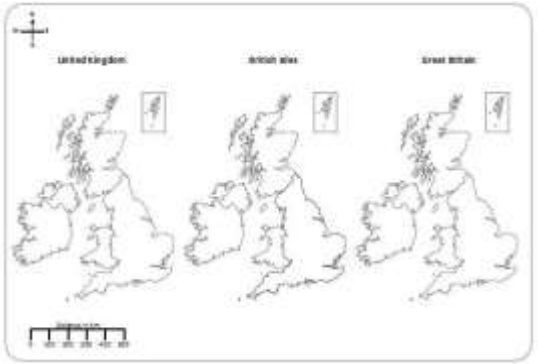
South Oxhey is in Hertfordshire, which is in England.

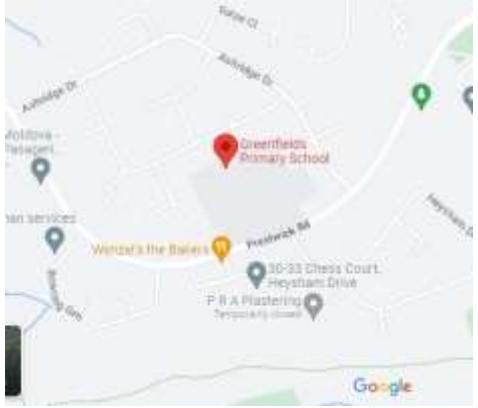
England is in the UK.

South Oxhey is in the South West of Hertfordshire on the borders of Hillingdon and Harrow.

Key Vocabulary	Definition
sustainable	To be able to be kept up and continue to improve over time
impact	How an event affects
regeneration	an area of land being recreated and improved
Physical features	naturally occurring, e.g. rivers, mountains, lakes
Human features	human made for example, towns, buildings, statues, roads.

Image / diagram





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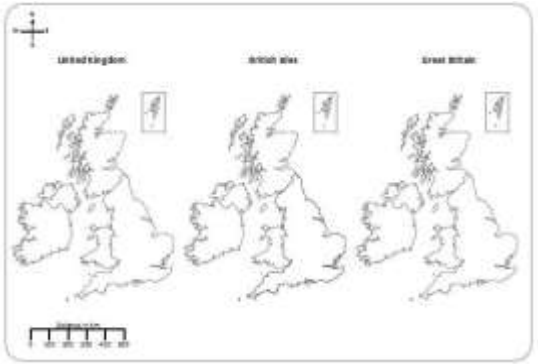
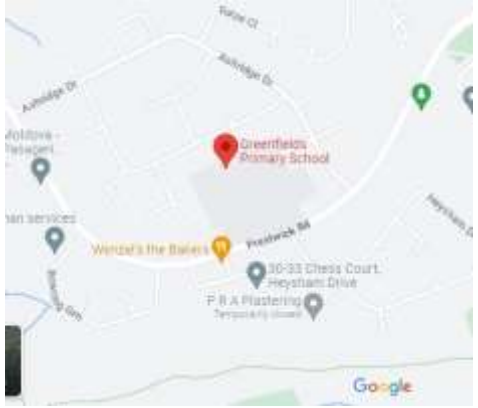




South Oxhey Y5

Key Facts

- South Oxhey was built as a rehoming settlement for displaced bomb victims of World War II Blitz in London
- Prisoners of War helped to construct some of the building
- It was deliberately built in a natural ditch between Oxhey Village, Bushey and Northwood, meaning the trees surrounding it would hide the development
- The land used to belong to the Oxhey Hall Estate – a manor owned by the Blackwell family of Cross and Blackwell fame.
- Oxhey Chapel is part of the original estate and still stands. It was built in 1612
- It was built between 1947 and 1952
- There are 6 primary schools in South Oxhey but no secondary school. The estate original had two which were combined to make Sir James Altham Comprehensive. This was closed in the 1980s.
- The Precinct area of South Oxhey has caused a lot of argument on the council with the eventual re- development being agreed in 2016
- South Oxhey has 2 choirs which were born out of a TV show based in South Oxhey which brought the community together
- Oxhey Jets is a big part of the community providing football to children since 1972
- Greenfields was built in 1952.It is a listed building and set the style of many other schools in Hertfordshire. It was the first Hills 8'3" system design.

Prior Knowledge

In Early Years and Y1 children have learned about their family, where they family comes from and their homes. They have discussed the types of home and styles of houses on a basic level. They know where South Oxhey is geographically and its location in Hertfordshire.

Useful websites:
https://www.ouroxhey.org.uk/content/category/topics/early-memories-of-south-oxhey

Key Vocabulary	Definition
Blitz	Heaving bombing in London by the Germans in World War II which killed thousands of people and destroyed thousands of homes
Chapel	Small church
Comprehensive	A type of secondary school in that does not select its' pupils based on how clever they are.
Listed building	Greenfields is a listed building Grade II. This means it has architectural importance and so can't be altered or changed without permission
Manor	A large country house with lands
Precinct	An area in a town designed for a specific use which is closed to traffic
rejuvenated	Given new energy / meaning / purpose

Image / diagram

Important People / Places

Oxhey precinct

Key Facts

* The Earth, sun & moon are roughly spherical bodies.
* The sun is at the centre of our Solar System and planets orbit the sun.
* The moon orbits the Earth on an oval shaped path - this takes 28 days.
* At various times in a month, the moon appears to be a different shape because as it orbits the Earth, the sun illuminates different parts of it.
* It takes the Earth 24 hours to rotate once on its axis.
* We have daytime when the Earth is facing the sun and night when it is facing away from the sun.
* It takes 365 $\frac{1}{4}$ days for the Earth to orbit the sun.
* Although the sun appears to move across the sky, it is actually due to the movement f the Earth around the sun.

Mercury	My	My
Venus	Very	Very
Earth	Easy	Educated
Mars	Method	Mother
Jupiter	Just	Just
Saturn	Speeds	Served
Uranus	Up	Us
Neptune	Naming	Noodles
(Pluto)	(Planets)	

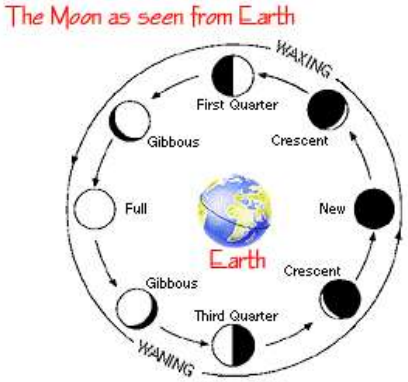
Prior Knowledge?

We live on Earth which is a planet in the Solar System.

EARTH & SPACE

Key Vocabulary	Definition
(astronomer) astronomy	(someone who studies) the study of celestial objects, space & the universe
celestial	Something that is positioned in or relates to the sky.
moon	A natural satellite which orbits a planet.
orbit	To move in a regular, repeating curved path around another object.
satellite	Any object in space that orbits something else.
star	A giant ball of gas held together by its own gravity.
sun	A huge star that Earth & other planets in our Solar System orbit around.

Images / diagrams



geocentric model

heliocentric model

Important People / Places / Events

Claudius Ptolmey: 2nd century Greek mathematician who developed a geocentric theory of the universe – planets orbit the Earth at the centre

Nicolas Copernicus (1473-1543): astronomer who proposed a heliocentric system –planets orbit around the sun

Yuri Gagarin (1934-1968): first human in space [12th April 1961]

Neil Armstrong (1930-2012): first human to step on moon [20th July 1969] with Edwin 'Buzz' Aldrin & Michael Collins {Apollo 11 crew}

Key Vocabulary – Classroom Objects

f = feminine m = masculine

la porte (f)	l'armoire (f)	l'évier (m)	la table (f)
la chaise (f)	l'ordinateur (m)	la bibliothèque (f)	la fenêtre (f)
la colle (f)	le crayon (m)	la règle (f)	la gomme (f)
le taille-crayon (m)	les ciseaux (m)	le stylo (m)	le crayon de couleur (m)

à côté de next to	**au-dessus de** above	**sous** under	**à gauche de** to the left of	**à droite de** to the right of

Key Vocabulary – Shapes

un triangle (m)	un carré (m)	un rectangle (m)	un pentagone (m)
un hexagone (m)	un octogone (m)	un losange (m)	un cerf-volant (m)

Combien de côtés a le carré ?
How many sides does the square have?

1 4 2 3

Il a quatre côtés.
It has four sides.

Key Language in Context

Où est la fenêtre ? Where is the window?	**La fenêtre est à côté de la porte.** The window is next to the door.	
Où sont les ciseaux ? Where are the scissors?	**Les ciseaux sont à gauche du taille-crayon.** The scissors are to the left of the pencil sharpener.	
Où sont les crayons ? Where are the pencils?	**Les crayons sont sous la table.** The pencils are under the table.	

Key Vocabulary – My Favourite Subject

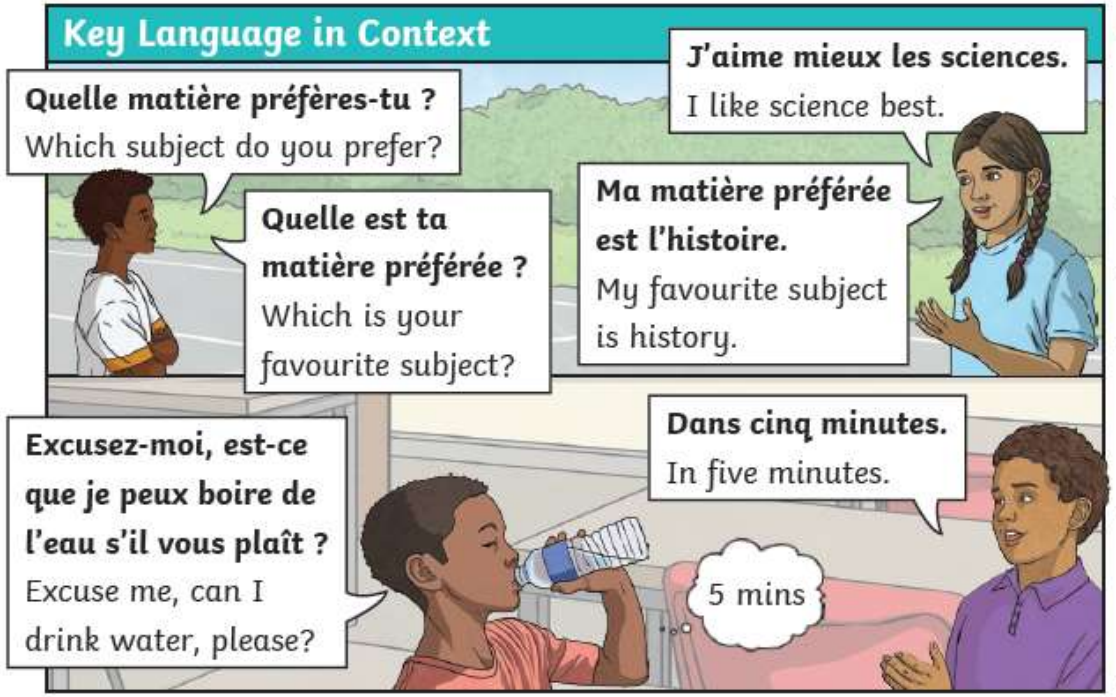
le dessin (m) art	**la géographie (f)** geography	**les sciences (f)** science	**l'anglais (m)** English
la musique (f) music	**les mathématiques (les maths) (f)** maths	**l'éducation physique (f)** PE	**le français (m)** French
l'informatique (f) ICT	**l'histoire (f)** history	In French, the subject names don't begin with capital letter. In English, subjects which are languages do.	

Key Vocabulary – Can I...?

Excusez-moi, est-ce que je peux..., s'il vous plaît ?
Excuse me, can I..., please?

aller aux toilettes (to) go to the toilet	**lire un livre** (to) read a book	**boire de l'eau** (to) drink water	**faire un dessin** (to) do a drawing
oui/non yes/no	**plus tard** later	**pas pour le moment** not at the moment	**dans cinq minutes** in five minutes

Key Language in Context



Key Knowledge and Grammar

Phrases that express position like **à côté de** [next to] or **au-dessous de** [above] often use the preposition **de** [of]. Remember that **de** changes depending on the word that follows:

masculine **(le)** → **du**	in front of a vowel **(l')** → **de l'**
feminine **(la)** → **de la**	plural **(les)** → **des**

Verbs

- **Est** [Is]. **Sont** [Are].
- **J'aime...** [I like...]. **J'aime mieux...** [I like... best/prefer...].

Adjectives

- Remember that the adjective **préféré/préférée** [favourite] has to agree in gender with the preceding noun.

Purple Mash Computing Scheme: Knowledge Organiser

Year 5 Quizzing

Key Learning

- To explore different types of quizzes and identify their features, strengths, and weaknesses.
- To explore the features of 2Quiz and experiment with creating quiz questions.
- To explore additional features of quizzes, such as title screens and content pages.
- To apply knowledge of 2Quiz to design an educational quiz based on a chosen topic.
- To be able to refine, test and share completed quizzes.

Key Resources

2Quiz

Key Vocabulary

Quiz
A set of questions designed to test knowledge or understanding.

Interactive
Allowing active participation or engagement.

Features
A feature of something is an interesting or important part or characteristic of it.

Simple
Something that tends to be easily understood or done.

Advanced
A level that is beyond the basic, requiring a higher level of skill, knowledge, or understanding.

Debug
To identify and fix errors in a program or application.

Purple Mash Computing Scheme: Knowledge Organiser

Year 5 Quizzing

Key Images

Question Types

Content Screens

Introduction/Title Page

Settings

Help Videos

Key Questions

What are the key features that make a quiz engaging and effective?

A quiz is engaging and effective when it includes clear and varied question types, a logical layout, appropriate feedback for answers, and additional features like a title screen and content pages. These features ensure a quiz is fun, informative, and easy to follow.

How does adding content screens improve a quiz for users?

These pages can be used to split your quiz into sections, give additional information, play a video, draw attention to a particular image or even encourage users to have a quick break. They are added in the same way that you would add a quiz question and are a quick and easy way to enhance your quiz even further.

Why is debugging important when creating a quiz?

Debugging is essential to identify and fix errors in a quiz, ensuring it works as intended. It helps improve the quality of the quiz by making it functional, user-friendly, and free of mistakes that could confuse or even frustrate users.

Purple Mash Computing Scheme: Knowledge Organiser

Year 5
Game Creator

Key Learning

- To evaluate the features of a successful video game.
- To plan a game in 2DIY3D.
- To design and use game sprites.
- To add features to a game world and check playability.
- To evaluate games created by others.

Key Resources

Key Vocabulary

2D Game
A flat game where characters move side to side or up and down on the screen.

Game Environment
Everything around the player in a game, like walls, floors, objects, and backgrounds.

Playability
How fun and enjoyable a game is to play and enjoy.

3D Game
A game that looks more real, where you can move around in all directions.

Game Feedback
When someone who plays your game shares helpful ideas to improve it, like fixing bugs or making it more fun.

Sprite
2D image that represents something on screen like a baddie or a collectable.

Game Design
Planning how a video game looks, works, and feels before making it real.

Game Genre
A category describing the style and gameplay of a game.

Sprite Animation
How the sprite moves or changes in appearance.

Purple Mash Computing Scheme: Knowledge Organiser

Year 5
Game Creator

Key Images

Key Questions

What makes a good computer game?

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

How can a sprite be customised in 2DIY3D?

The design of the sprite can be customised to match the theme of the game, using images from the gallery, hand-drawn artwork, or pictures inserted from the internet. A range of movements can be added to the sprite to make it appear more realistic. Music and consequences can also be added to the game sprites to enhance interactivity.

What aspects of the game world can be added and customised in 2DIY3D?

In 2DIY 3D, you can customise the game world by designing walls, floors, scenery, backgrounds and level layouts. You can also add music, sound effects and clear instructions. These all help to make a more engaging and interactive experience.