



Girton Glebe Primary School Curriculum Organiser

Year 2 (Birch Class) - Autumn term 1

Key Skills

Use simple compass directions and locational/directional language to describe the location of features and routes on a map.

Use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the key oceans.

Name, locate and identify characteristics of the four countries of the United Kingdom and its surrounding seas.

Think about weather and climate and how this could affect life at sea.

Understand and be able to locate continents and oceans.

Use aerial photographs to recognise landmarks and basical physical geography features.

Land Ahoy!



Key Vocabulary

Cargo	Coast	Explorer	Lifeboat
Lifeguard	Lighthouse	Navigator	Ocean
Harbour	Port	Cliff	Compass

Key Knowledge

Know that the United Kingdom is an island, surrounded by the Atlantic Ocean, English Channel, Irish Sea and North Sea.

To understand what maps are and begin to know how to use them.

To know the legend of some famous pirates during The Golden Age of Piracy (1650 to 1730)

Know what a lighthouse is and about lifeguards and lifeboats. Learn about the life of Grace Darling.

Learn about some famous sea explorers: Marco Polo, Christopher Columbus, Sir Walter Raleigh and Dame Ellen MacArthur.

Conduct a study into the life of Captain James Cook.



English:

In English we will be focusing on practising and improving reading skills and applying this to writing. We will practise spelling, punctuation, grammar and learn how to take an idea and construct sentences and paragraphs based on this.

Phonics and Guided Reading:

During this half term, we will continue to have a daily lesson on phonics, revising digraphs from phase 4 and 5 phonics as well as looking at phase 6, which aims to help children become more fluent readers and more accurate spellers.

In guided reading, children will apply their phonics knowledge to books at their level. They will have a guided session with a teacher once a week and with a TA once a week, completing independent activities on the other days. They will also engage in whole class reading activities during some English lessons.

Opportunities for writing will include:

- Writing descriptions about real pirates from the past, discovering a range of vocabulary and planning out loud what they will write.
- Information texts about either Captain Hook or about ships of the time, learning about features of non-fiction texts as well as practising reading aloud work which they have written.
- Writing acrostic poetry based on real events, inspired by the work of the RNLI in rescuing people at sea.
- Draft and write postcards, drawing on a range of aerial and photographic images from favourite places.

Science:

This half term we will be focusing on 'Changing materials'. Over the next few weeks we will be conducting different investigations to explore how materials can be changed.

During this topic we will cover the following skills:

- Recognising that materials have different properties.
- Making observations about changes.
- Understanding that some changes can be reversed and others can't.
- Exploring uses for different materials in their different states.



Maths:

This half term we will re-cap some learning from Y1 and apply and develop this into the near Y2 maths learning. We will cover the following things:

Number – Place Value:

- Counting forwards and backwards within 20 and 50.
- Understand tens and ones within 20 and 50.
- Compare numbers within 50.
- Count objects to 100 and read and write numbers in numerals and words.
- Represent numbers to 100
- Use tens and ones with a part-whole model and with addition
- Use a place value chart
- Compare objects and numbers and be able to order them.
- Count in 2s, 5s, 10s and 3s.

Number – Addition and Subtraction:

- Number bonds to 10 (addition and subtraction fact families)
- Compare number sentences
- Learn some related facts with number
- Number bonds to 100 (multiples of 10, e.g. 70 and 30)
- Add and subtract 1s and 10s
- Work out 10 more and 10 less
- Add by making 10
- Adding a 2-digit and 1-digit number (crossing ten)
- Subtract a 1-digit number from a 2-digit number (crossing ten)



<p>Computing: In ICT we will using Powerpoint to create slides about our knowledge gained in our 'Land Ahoy' topic. We will also use a floor robot to navigate around a large scale map, pretending the robot is a ship and we have to prevent it from crashing and wrecking on the rocks, and avoid obstacles such as pirates' swamps and smugglers' caves.</p> <p>During this topic we will cover the following skills:</p> <ul style="list-style-type: none"> • Begin to use simple algorithms to implement as programs on digital devices. • Plan and enter a sequence of instructions using a robot, specifying distance and angle of turn. • Use technology to purposefully create, organise, store, manipulate and retrieve digital data • Create and edit multimedia components for a range of tasks, editing content as needed. 	<p>PSHE: In PSHE we will be thinking about 'Beginning and Belonging'. We will be doing PSHE more frequently as we support children in transitioning back into school either for the first time in many months, or in getting used to having a full class again and a slightly more normal routine. We will be using the 'Zones of Regulation' to help understand our feelings and the feelings of those around us.</p> <p>We will cover the following skills:</p> <ul style="list-style-type: none"> • Considering what it means to 'belong'. • Take part in discussions about behaviour that helps the classroom be a safe and happy place to learn • Understand the agreed ground rules • Take part in relationship building activities • Be able to describe some emotions that someone new to the school might feel and have some ideas of ways to help someone new to feel welcome • Have a 'safety circle' of people who can help children if they are worried or need support. Know how to ask for help. 	<p>R.E: This half term we will exploring the question, 'who do we thank for the bread that we eat?' This topic relates to harvest, as well as Jewish festivals involving bread.</p> <p>During this topic we will cover the following skills:</p> <ul style="list-style-type: none"> • Considering how food is produced. • Exploring different types of bread. • Understanding the use of bread in religious ceremonies. • Reflecting on what we are thankful for.
<p>Art: As artists we will be creating artwork based on pirates and the sea.</p> <p>During this topic we will cover the following skills:</p> <ul style="list-style-type: none"> • Use a range of materials creatively to design and make products • Use drawing, painting and sculpture to develop and share their ideas, experiences and imagination. • To develop a wide range of art and design techniques 	<p>Music: In music, the children will be listening to a range of sea shanties.</p> <p>During this topic we will cover the following skills:</p> <ul style="list-style-type: none"> • Listen to a range of music • Discuss ideas and how the music makes us feel. • Compare different sea shanties and talk about what is the same and what is different. 	<p>PE: In PE the children will be practising a range of movement skills and ball skills.</p> <p>During this topic we will cover the following skills:</p> <ul style="list-style-type: none"> • Develop coordination and balance • Develop throwing and catching skills • Be able to move in a variety of ways • Improve flexibility and range of movement • Be able to identify their progress in themselves and others.

Class notices

PE: Sessions take place on Wednesday and Thursday. For the first 3 weeks, Miss Evans will teach both PE lessons. After that, Miss Evans will teach the Thursday PE lesson and Cambridge United will be teaching the Wednesday PE lesson. Children will need to come to school in their PE kit on Wednesday and Thursday as we are unable to get changed in school at the moment. On Monday, Tuesday and Friday, children will come to school in their uniform.

PPA: your child will be taught by Mrs Tate on Tuesday mornings. She will teach science, RE, phonics and guided reading.

Reading: Please read with your child as much as possible, both listening to them read and you reading to them. Please record any/all reading in your child's reading record. Encourage them to read while out and about and consider things like visiting a public library or doing a book swap with friends.

