Year 5 Foundation Subject Home Learning Pack

Week commencing Monday 20th April 2020

In this Learning Pack you will find five different activities for this week covering different foundation subjects. These activities can be completed in any order.

We hope you enjoy them 😊

1. History – Viking runes
2. Geography – UK landmark fact file
3. R.E. – Maundy Thursday
4. Science – Animal life cycles
5. Computing – Internet safety
History

The Viking system of writing was called runes. They wrote on stone and sticks and runic writing has been found on everything from pieces of horn to jewellery and weapons. Each rune was made up of a series of straight lines, as these were easier to carve into rock. The Viking alphabet looks like this:

Your task:

Can you create a greetings card using Viking runes? It could be a birthday card, a thank you card or simply to let someone know you’re thinking of them. You can decorate it however you wish, but all the writing must be in runes!
Geography

This year we have looked at both human (man-made) and physical (natural) features of the United Kingdom. This week we are focusing on human features. We would like you to create a fact file about a famous landmark in the United Kingdom. This could be somewhere you have visited yourself, or you may choose to research somewhere new. You can present your findings on paper, J2E or a powerpoint. Here are some suggestions for you, along with some information in case you don’t have access to the internet.

Famous UK landmarks include:

- Big Ben
- The London Eye
- Edinburgh Castle
- The Tower of London
- The Shard
- Severn Bridge

Caernarfon Castle – Wales

Caernarfon Castle is recognised around the world as one of the greatest buildings of the Middle Ages.

This fortress-palace on the banks of the River Seiont is grouped with Edward I’s other castles at Conwy, Beaumaris and Harlech as a World Heritage Site. But for sheer scale and architectural drama Caernarfon stands alone.

Here Edward and his military architect Master James of St George erected a castle, town walls and a quay all at the same time. This gigantic building project eventually took 47 years and cost a staggering £25,000.

The Eagle Tower, with its three great turrets and 18-feet thick walls, is the crowning glory of Caernarfon Castle. It was here that the most illustrious residents of the royal palace would sleep in lofty splendour.
When King Edward I and his queen Eleanor first came to Caernarfon in the summer of 1283 it was barely a gleam in the eye of architect Master James of St George. They bedded down in timber-framed apartments in the middle of a building site instead.

When they returned the following Easter the queen was heavily pregnant. This time the tower, although far short of its final soaring height, was ready for them.

On 25th April 1284 Eleanor gave birth not just to a son, Edward of Caernarfon, but to a new royal dynasty. In 1301 he was presented to the Welsh nobility as a prince ‘that was borne in Wales and could speak never a word of English’.

The truth was that he was the very first English Prince of Wales – and all the money from the Crown’s Welsh lands was now his. It was a bitter pill to swallow for the newly conquered nation.

The birthplace of the royal prince, later to become Edward II, was probably no accident. Right from the beginning Caernarfon Castle had been singled out for greatness. Its imperial ambition and epic scale made it a fitting home for the king’s representative in Wales.

For the last 700 years the title Prince of Wales has traditionally been taken by the eldest son of the reigning monarch. But it wasn’t until 1911 that Caernarfon again played a central role by hosting the investiture of Prince Edward. All thanks to Britain’s only Welsh prime minister so far, David Lloyd George.

Most famously it was here in 1969 that Prince Charles was invested – the eroded statue of Edward II no doubt looking on in approval from its niche above the King’s Gate.

Tower Bridge

Tower Bridge was built over 125 years ago to ease road traffic while maintaining river access to the busy Pool of London docks. Built with giant moveable roadways that lift up for passing ships, it is to this day considered an engineering marvel and beyond being one of London’s favourite icons, it is arguably one of the most famous and instantly recognisable structures in the entire world.

It took eight years, five major contractors and the relentless labour of 432 construction workers each day to build Tower Bridge.
Two massive piers were sunk into the river bed to support the construction and over 11,000 tons of steel provided the framework for the Towers and Walkways. This framework was clad in Cornish granite and Portland stone to protect the underlying steelwork and to give the Bridge a more pleasing appearance.

When it was built, Tower Bridge was the largest and most sophisticated bascule bridge ever completed ("bascule" comes from the French for "see-saw"). These bascules were operated by hydraulics, using steam to power the enormous pumping engines. The energy created was stored in six massive accumulators, as soon as power was required to lift the Bridge, it was always readily available. The accumulators fed the driving engines, which drove the bascules up and down. Despite the complexity of the system, the bascules only took about a minute to raise to their maximum angle of 86 degrees.

Today, the bascules are still operated by hydraulic power, but since 1976 they have been driven by oil and electricity rather than steam. The original pumping engines, accumulators and boilers are now exhibits within Tower Bridge’s Engine Rooms.

In 1910 the high level Walkways were closed to the public due to lack of use - people arriving on the Bridge preferred to wait at street level for the bascules to close rather than heading up the stairs carrying their heavy loads. In 1982, as part of the new Tower Bridge exhibition, the Walkways were covered and opened once again. Visitors could once again enter the walkways and experience the amazing panoramic views. Although Tower Bridge is now powered by oil and electricity, the original steam engines maintained by a dedicated team of technical officers remain in the Victorian Engine Rooms, their original location, for all to see.
R.E.

We have recently been celebrating the Easter festival, which is rooted in Christianity. We know a lot about Shrove Tuesday, Lent and Easter Sunday, but have you heard of Maundy Thursday? This is another important day in the lead-up to Easter and marks the night of the Last Supper, as told in the Bible.

At the Last Supper, Jesus commanded that people should love one another, he then washed the feet of his disciples as an act of kindness. To celebrate Maundy Thursday, the Pope traditionally washes and kisses the feet of 12 people - usually members of the church. In the UK, the Queen takes part in the Ceremony of the Royal Maundy where she gives coins called Maundy money to deserving senior citizens.

Your task:

Imagine you are the Queen/King for the day. You have 5 Maundy coins to hand out. Who would you give them to and why? Think about the older people you know, or have heard about recently. What have they done in their lives to be rewarded with one of these special coins? Perhaps you could research who has received these coins in the past!
In science last term, we looked briefly at animal life cycles. We found out about chickens and frogs and the various stages they go through as they grow. But what about other animals? Your job is to draw the life cycle of either your pet or favourite animal. Illustrate each stage and add some notes to describe what happens during that part of the process.

Here are some examples to help you if you don’t have access to the internet:

**Horse Life Cycle**

- **Birth**: Mares & their foals should spend most of their time on pasture with other mothers & babies. The foals can exercise, building bone & muscle. Weaning occurs between ages of 4-6 months.
- **Adult**: Most breeds are fully mature by the age of 5. By the time your horse turns 20, he’s a senior citizen.
- **Colt**: Most equines spend their first 2 years growing and learning the basics, such as tying & standing for grooming & bathing. By the age of 2, most horses are close to their mature weight and height.
- **Mother & Foal**: After an 11 month gestation, a mare gives birth to a foal. The newborn stands and nurses within a couple of hours after birth.
Dog Life Cycle

Mother & Babies

Dog will move to senior stage at age between 6-10 years. He will move more slowly and, he will be more content with a stroll. Senior dog may eat less and sleep more than he has at other times of his life.

The puppy stage begins after about 63 days of gestation. It lasts until the dog is 6-16 months. Puppy should be with his mother & siblings. During this stage train your puppy & get complete set of vaccinations.

Adult

Dog become adult between age of 1-3 years. At this stage dog will still enjoy exercise & playtime. He won't be so demanding of your attention. Advance training and continue mental & physical exercise.

Puppy

Dog will move to adolescence stage sometime between age of 6-18 months. At this stage hormones will start kick in. Dog may begin to act like a moody teenager. Dog will lose his puppy fur and grow to adult size. Obedience training.

Adolescence
Computing

Many of you will be spending time on computers at the moment and it is important to remember to stay safe online. Here is a fun crossword to remind you of some key steps to doing that.

Internet Safety Crossword

ACROSS
2 So that strangers can’t talk to me, I have my _____ settings restricted.
3 All of my _____ email goes into my junk mail.
5 I like to go on my _____ account to catch up with old friends.
6 I adjust my _____ to what I prefer.
8 My _____ and I keep in touch through facebook.
9 I would call somebody a _____ who says horrible things online.
10 I constantly check my computer so I don’t get a _____.

DOWN
1 I like to follow celebrities on my _____ account.
3 I have to be careful of my _____ when I am on the internet.
4 I have many different _____ just incase somebody finds one of them out.
7 A _____ hides behind the anonymity of the internet and winds people up.
Internet Safety Crossword

1. TW
2. PRIVACY
3. SPAM
4. PTT
5. FACEBOOK
6. SETTINGS
7. WORD
8. FRIEND
9. CYBERBULLY
10. VIRUS