

# Class Information Sheet

<p><u>PE</u> Your child will have PE every Monday with Coach Duffy. They do not need to have a PE kit. Please make sure your child has sensible footwear on this day and any jewellery is removed.</p>	<p><u>Homework</u> The children will have spellings that will be sent out weekly from your child's phonics group. They will be tested on a Friday. Your child will also receive a weekly maths piece of work. Topic related homework will be given out when necessary,</p>
<p><u>Reading</u> Please read together daily. Your child will be given the opportunity to change their books on a weekly basis. Please encourage your child to visit the local library.</p>	<p><u>Water bottles</u> Please provide your child with a water bottle. This is to be taken home daily.</p> 
<p><u>Dates for the diary</u> Parent Workshop—Structures Week of Monday 10th February Trip— Hull's Bridges Week of Monday 2nd March</p>	<p>Any other questions please contact the school or your child's class teacher.</p>

# Class Information Sheet

## Year 2

## Spring Term



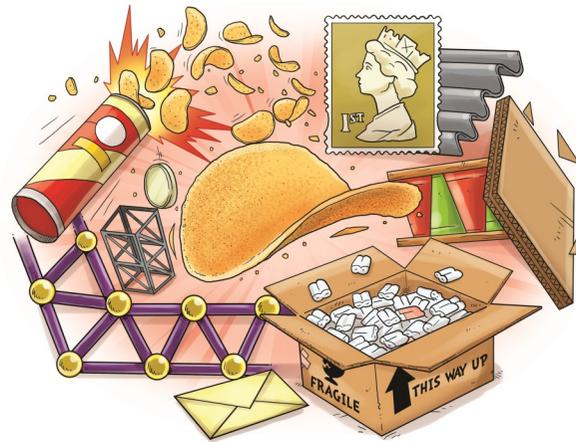
This Term our topic is called 'How are Mega Structures built?'. This is a D& T based topic. The children will be learning about structures and discovering how to make structures stronger, stiffer and more stable. They will be designing, making and evaluating a variety of structures such as packaging, bridges and towers.

Our Science this term will link to this as the children will be learning about materials including their properties and their suitability for different uses. We will also investigate how we can change the shape of different materials.

# Topic Home Support Sheet– ‘How are Mega Structures built?’

## Key Vocabulary

Structure	A building or other object that are made from several parts.
strengthen	Make or become stronger
Pyramid	A structure with a square or triangular base and sloping sides that meet in a point at the top.
Bridge	A structure built to cross a physical obstacle such as water, valley or road without closing the way underneath
Product	An object that is man made possibly to sell
Design	A plan or drawing showing the look and workings of an object before it is made.
Evaluate	To decide on the quality, value or importance of something
Construct	Build or make something



## Sticky Knowledge

- ⇒ Ancient Egyptian pyramids are the most well known pyramid structures and they were built as tombs for Pharaohs and their families
- ⇒ There are many different types of Bridges: Suspension, Arch, Cantilever, Beam, Draw bridge , Truss and Cable Stayed Bridge
- ⇒ The longest bridge in the world is the Danyang– Kunshan Bridge in China which is 164.8 km
- ⇒ The tallest tower in the world is the Burj Khalifa skyscraper in Dubai with a total height of 829.8m
- ⇒ Isambard Kingdom Brunel is a famous engineer, who built many important structures in the 1800's such as tunnels and bridges.

## The Humber Bridge

- When it was built the Humber Bridge was once the longest Single road Suspension bridge in the World



## Burj Khalifa

