This teacher planning pack provides activity ideas supporting the EYFS learning goals. Themed around Transport and Journeys it will inspire your students to understand the value of the North of England and recognise it as a hub for innovation, art and design. It will show them the importance of Science, Technology, Engineering and Maths to their future and teach them how art, design and creativity can transform their work and enhance their lives.

What’s included:
- Introductory session and Mathematics ideas
- Literacy and communication and language activities
- Understanding the world and expressive arts and design activities
- Physical, personal, social and emotional development ideas

How will this help your students?

The Great Exhibition of the North aims to build local pride & inspire young people to pursue exciting lives and careers in the North. We are showing the world that the North of England is where the coolest technology, the smartest design and the most beautiful art is coming from.

The main themes of the Exhibition include:
- **Innovation**: The North is home to scientists, engineers and businesses who shape our world with their creative inventions.
- **Art**: Celebrating the breadth of world class art from across the North and the people that create it.
- **Design**: The North is home to an exciting new generation of entrepreneurs exporting design, digital and gaming content to the world.

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HM Government
Introduce the theme

‘Ted the Bear’
Introduce ‘Ted the Bear’ who loves exploring the North of England and meeting new bear friends along the way! Throughout the topic Ted will visit different places, using different transport e.g. train, tram, bus, aeroplane, car, boat.
Using a character will give children a focus to their activities and something they are able to empathise with.

Northern Transport Innovations
Stephenson’s Rocket
Designed by Stephenson in 1829, the Rocket was the most advanced locomotive of its day and could travel 28mph. Find out more.

Hitachi Azuma Train
Launched in 2016 the Hitachi Azuma train will be used by Virgin Trains and is energy efficient, has free wifi, and can accelerate up to 125mph. Find out more.

Northern Arc Hyperloop
The Northern Arc proposal for a Hyperloop (passengers are loaded into a pod and accelerated through a low pressure tube) it would connect Liverpool, Manchester, Leeds and Newcastle together at a speed of up to 600mph! Find out more.

Example ideas for Ted to explore or class visit around the North of England:
- Lakeland Motor Museum
- Beamish Museum
- Visit the seaside
- Discovery Museum, Newcastle
- Take a tram or train ride to a local town
- National Railway Museum, York

Mathematics
Investigation Station
Use 3D shapes to recreate parts of the country that Ted has visited – add play people, cars or trains with linked scenery to add to the story.

Ramp it up
Create a ‘car trail’ from 3D large blocks for Ted to travel on. Can the children make a car ramp? What shape blocks makes the best ramp? Discuss why certain shapes are good for ramps and some aren’t.

Transport tally
Make a tally chart of the different ways children travel to school, have been on holiday etc. How many different ways has Ted travelled around the country?

Additional Information
Helicopter rescue counting game
Blast Off numbers game

Ted’s home
Where could Ted live in between his travels? Could children build a home for Ted in the class room? What could he need on his travels? (Backpack, map, lunchbox, camera)
Build a classroom display around Ted’s home featuring keywords from the topic, pictures of trains, cars, planes, etc., places they could visit near them or any transport themed books you have.
**Transport & Journeys**

**Literacy**

**Map Explorers**
Before activity create a map showing the seaside and countryside. Add a train line, river etc.)
- Explore the different routes that Ted the Bear could take to get from the countryside to the seaside.
- Read the labels on the map (sea, sand, cliffs, field, river, wood, train station etc.)
- Would the children like Ted to travel to a different part of the country?

**Talking journeys**
Talk through the journey e.g. Ted boards the train at the seaside train station. He buys a ticket to get to the Apple Orchid farm. Give children large paper encourage them to draw a map for Ted. What would we need on a map so Ted can find his way? Encourage children to label different parts on their map.

**Writing**
- Write instructions on how to get to different parts of the country.
- Make a non-fiction book all your favourite type of transport.
- Keep a diary about Ted on his travels.

**Communication and Language**

**Reading**
Using a selection of books about transport, both fiction and non-fiction (suggestions below) discuss with children: What do you think this story will be about? How do you know? Will Ted like it? How will he get there? What is happening in the story so far? What may happen next?

**Small World Play**
Children create a journey using a Car or Train set and play people, add scenery of their choice Questions: how far can you travel on the train or in a car? Where is the nearest seaside to you? Draw a picture of your journey to share with Ted.

‘Sea’ theme Tuff Spot tray – (blue fabric for the sea, yellow paper or sand) add, boats, fish etc. Refer to non-fiction book - What else could we find at the seaside? Can you make anything you might see? E.g. (shops, café, fishing boat, wind turbines etc.)

**Storytelling**
Using small world items (car, train, boat etc.) make a story up using Ted, take photographs or draw the different places Ted visits and children can use as a prop to retell their story.

**Transport and journeys books to investigate:**
Understanding the World

Where have you been?
What places have the children visited in the past? Record the different places. Ask questions e.g. How did you get there? Who went with you? What did you do when you arrived? What is the same or different about the place you visited and where you live?

Children could record a picture of their favourite place to visit and the people who went with them. Share children’s pictures pointing out the many different places we all visit with our families.

Where might you go? Role play
Explain that one of Ted’s favourite places to visit is local park/attraction. Discuss what Ted can do there e.g. visit the museum, walk by the river, play on the playground and have a picnic. Look on the website for the attraction and explore what is on offer. What would the children like to do there? Make a tally chart of children’s responses. Discuss the most popular activity.

Explore Discover Yorkshire Coast website – pick a town to investigate. What does this place have that the children don’t have where they live? Children use iPads or equivalent to draw the seaside for Ted to visit.

Expressive Arts and Design

Music
- Choose a favourite song or rhyme – explore a range of musical instruments to accompany the singing of the song/rhyme.
- Children can make their own musical instruments – use these when singing the songs and rhymes.
- Children make up their own actions or moves to accompany a favourite song or rhyme

Outdoor
Plan a picnic for Ted as he ends his journey around the North of England. What does Ted like best on a picnic? What type of food is best for picnics?
Children bring in their own teddy bear to enjoy the picnic with their friends. Learn the song ‘Teddy Bears Picnic’ to sing at the picnic.

Additional Information:
Sing along’s Wheels on the bus Big Ship Sails Row Your Boat
Songs and Rhymes to learn Transport songs.
**Physical development**

**Future vehicles**
Children design and make their own vehicle for Ted the Bear to use. You could use large blocks or reclaimed materials. Possible questions to ask:
- Can Ted take a friend in the vehicle?
- Will the vehicle fly or have wheels?
- Will it have any special powers? What? Why?
- Give your vehicle a name – write a label so Ted knows he can use it.
- Can you make it even bigger?
- Will Ted the Bear be safe travelling on your transport?

Use a design sheet or photos to keep a record of the different vehicles made.

**Personal, Social and Emotional Development**

**Direct Teaching and Modelling**
Using suggested activities from this pack will encourage children to:
- try a range of activities
- work alongside other children to help each other
- listen to other children and adults and take turns with resources

**Independence**
Let children create models and designs that are of their choice. Make sure resources like tape, treasury tags, scissors etc. are all readily available and accessible to support independence of choice.

**Talking activities**
- Give children opportunities to talk about something that they have made or designed.
- Encourage children to work in small groups to support speaking within a familiar group.
- Give children opportunities to peer assess and be positive about a model, picture etc.

**Additional Information:**
All suggested activities across the theme of ‘Transport and Journeys’ will support children’s developing Physical, Personal, Social and Emotional Development.