**Computing** Use of Beebot to make maps and follow directions. Solve algorithms.

Use of google maps to find out how we get to local places.

Use of internet to find out about the different places.

**Geography** Creating our own maps using compass directions. Use a key.

Identify physical and human features.

Look at different cultures transport - Article 30.

Location of local features and routes on a map.

**History** First flight: timeline of events. Fact files on who made it. Explore differences and similarities in flight.

Stevenson's Rocket- timeline of the invention. (Article 17)

Evolution of cars: Timeline. Differences between then and now.

Amelia Earhart: asking and answering questions using different artefacts.

**RE (Living Difference Syllabus)**

Special Books

*Article 14 (freedom of thought, belief and religion)*

**Maths** (topic specific)

Survey - use of data handling to summarise the information we recorded.

Money - in relationship to transport.

Directions - creating maps.

Measurements - how far can the cars travel?

**Art** An Arctic World

Drawing, Painting, Collage, Textiles (Mixed Media)

Looking at artists:
Catherine Rayner and Barbara Rae.

*Article 29 (goals of education)*

**DT** Create a car suitable for a challenge (to be specified later) using a wooden structure and wooden wheels.

Learning about mechanisms to support the challenges.

*Article 13 (freedom of expression)*

**Class:** Otters Article 28 (right to education)

**Timing:** Spring 1 and 2 (History Spring 1 and Geography Spring 2)

**Topic Theme: '**Transport through the ages**'**

**The BIG Question:** What can we find out about transport?

**Sub-questions:**

**1/** What transport do we use?

**2/** How and why has transport changed?

**3/** Can you make a car suitable for a 'Top Gear' challenge?

**4/** Can we create our own maps with compass directions and a key?

**Outdoor Learning**

Top Gear challenge

Map making

Testing materials

Planting bulbs in our outside area

Creating a map of our local area and carrying out a survey of cars.

*Article 31 (leisure, play and culture)*

**Science**

Seasonal Change: Looking at changes of weather, change in day length.

Materials: Pushes and Pulls.

Problem solving around this subject.

**Literacy & Drama** (topic specific)

News report on the first flight.

Newspaper article on Stevenson's Rocket.

Information books on a car. (Article 17)

Persuade people to vote for the Top Gear car.

**Music**

Timbre and rhythmic patterns (KAPOW).

*Article 29 - (goals of education)*

**PE/Games**

**Dance**- creating our own performance.

*Article 13 (freedom of expression)*