

## Milestone 2: Latitude 51 – China, Canada & Norwich

### Pre-Learning Challenge:

Big question exploration – using maps and creative thinking –  
Revision of previous

### Bold Beginnings:

A new letter arrival from Sunny and an update to our ceiling classroom display.

### Learning Challenges ('The Big Question' and subsidiary questions/challenges): What connects Canada, Norwich and China?

Where in the world is China? On which continent would you find China? What are the surrounding countries? On which continent would you find Norwich? Can you name some countries in the same continent? What is the same and different? What do you notice about a map of China? What physical features do you notice? What human features can you notice? What are the key human and physical features of Norwich/England? How do these compare with China? Can you explain why people settled in certain areas of China? How do these link with the physical features of the country?

#### Science:

What do we need to keep ourselves fit and healthy? What is the 'correct' amount of nutrition for each person? Does this change for an athlete? What are the key food groups? How do they help our bodies to survive and thrive? Grow and repair? What are the names of some foods in these food groups?

### Learning Activities

#### Geography:

- **Locate** China on a variety of maps and **describe** the human and physical features using a range of resources. **Recognise** that China is in the Northern Hemisphere.
- **Name and locate** the countries of Europe and **know** that China and Canada are in Asia and North America.
- **Study** maps of China. **Ask and answer** questions about physical and human features of China and express an opinion.
- **Describe** physical features of China and **compare** these to Canada/England/Norfolk; recognising similarities and differences as well as noticing patterns between countries in the Northern Hemisphere.
- **To know** that Norwich, Canada and China are on the same line of latitude.
- **To use** symbols and a key to communicate knowledge of the Chinese landscape.

#### Science:

##### Light

- **Recognise** that shadows are created by opaque objects blocking a light source. Use this knowledge and experiment with materials, to create shadow puppets.
- **Know** that the size of shadows change in relation to the position of an object and use this when creating your narrative.

##### Animals including Humans:

- **Research** different food groups and how they keep us healthy
- **Design** meals that are nutritionally balanced

### Subject – Art/DT/PE

#### PE

Dragon Dancing Workshop – extending into development of dance performance

#### Athletics:

Connections made to science and diet

#### Art/DT

##### Jackie Morris Study:

Replicate some of the techniques used by notable artists:

Use watercolour paint to produce washes for backgrounds and then add detail.

Creation of Shadow Puppets

Dragon Eye clay sculpture

### Subject – Science:

#### Light

**Recognise** that shadows are created by opaque objects blocking a light source.

**Know** that the size of shadows change in relation to the position of an object from a light source.

#### Animals including Humans

**Know** that animals cannot make their own food and require the correction type and amount of nutrition to survive.

**Know** the different food groups and their role in keeping our bodies healthy.

**Compare** and **contrast** different diets

**List** some different food items from the different food groups

Recognise the role of exercise and diet in maintaining a healthy lifestyle.

#### Scientific Vocabulary:

##### Science – Light and Shadow:

###### Nouns:

shadow, natural light, source, surface, object, morning, noon, evening

###### Verbs:

project, shine, illuminate, reflect, absorb, cast, pass through,

###### Adjectives:

transparent, opaque, translucent, partial, faint.

#### Geographical Vocabulary:

Latitude, Equator, Northern Hemisphere, Southern Hemisphere, Arctic Circle, settlements, Physical Features, Human Features, Countries, Counties, Cities, Characteristics, Location,

#### Science – Animals including Humans

Carbohydrates, protein, fibre, fats, vitamins, minerals, nutrients, saturated fat, unsaturated fat

Infections, immunity,

growth, repair, digest

#### Musical Vocabulary:

pulse, rhythm, pitch, tempo, dynamics, melody, texture, silence

### Subject – Geography

#### Investigate Places:

**Ask and answer** geographical questions about human and physical features.

**Use** maps, atlases and globes and digital mapping to locate countries and describe features.

**Name and locate** countries of Europe and **know** some of their physical and human features.

**Name and locate** the Equator, Northern and Southern Hemisphere and the Arctic Circle and describe the physical characteristics of these areas.

**Describe** geographical similarities and differences between countries.

#### Communicate Geographically:

**Describe** and **compare** different human settlements and their land use.

### Subject - Music:

#### Charanga - Dragon Dance:

**Perform:** Maintain a simple part within a group, singing in accurate pitch and in tune; pronouncing words clearly whilst being aware of others

**Composing:** Compose simple melody rhythms using the pentatonic scale.

#### Describe:

Evaluate music, expressing likes and dislikes, using the following musical vocabulary: beat, tempo and use of silence.

#### Musical Score to support Narrative:

##### Perform:

Play notes on an instrument with care so that they are clear, Perform with control and awareness of others

##### Compose:

Use sound to create abstract effects, Choose, order, combine and control sounds to create an effect.

##### Describe Music:

Evaluate music using technical vocabulary, Understand layers of sounds and discuss their effect on mood and feelings

### Writing:

Narrative inspired by China/Dragons using shadow puppets

Poetry based upon 'Tell me a dragon'

- Kenning
- Free Verse

Invented Dragon Non-Chronological report

**SMSC:** Healthy Lifestyle and wellbeing – food and exercise

**RE:** Pentecost, Hinduism, Eucharistic Mass (First Holy Communion Prep.)

### Fabulous Finish

'Latitude' Festival – a celebration of art and design.