

Curriculum Overview— YEAR 5

Autumn 1 2018



English

Theme—'Tudor Times'

Class Text: Shakespeare

Spoken language: Use spoken language to develop understanding through speculating, hypothesising, imagining and exploring ideas.

Writing: Select appropriate grammar, write diary entries as historical characters, instructions for Tudor Dancing, exploring William Shakespeare through drama, writing Biographies about significant historical figures and recounts from personal experiences. Proof read work checking spelling and punctuation.

Reading: Retrieve, record and present information from fictional and non fictional texts.

At home: Read a variety of texts relating to Tudor life, possibly by visiting the library, to support learning and to explore their own interests relating to the topic.

Maths

Theme- 'Place Value, Addition and Subtraction'

The children will learn to:

- Read, write, order and compare numbers to at least 1000000 and determine the value of each digit.
- Count forwards or backwards in steps of powers of 10 for any given number up to 1000000.
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.
- Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000
- Solve number problems and practical problems that involve all of the above.
- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.
- Add and subtract numbers mentally with increasingly large numbers.
- Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.
- Solve addition and subtraction multi-step problems in contexts deciding which operations and methods to use and why.

At home:

Practise times tables to 12 x 12. Revise skills using Bitesize

<http://www.bbc.co.uk/education/subjects/z826n39>

Creative Curriculum

Theme: 'Off with her Head!'

The children will be learning about:

- What life was like in Tudor times- school, entertainment, houses, food.
- The reign of Henry the 8th.
- The wives of King Henry the 8th.
- Sketching Tudor buildings and making comparisons between modern day structures.
- The battle of the Spanish Armada.
- Experiencing a 'Tudor Day'.

Year 5 Topic: Off with her Head!

Computing

Theme: 'We are Game Developers'

The children will plan their own simple computer game. They will design the character and backgrounds, and create a working prototype, which they will then develop further based on feedback.

This unit will enable the children to:

- Create original artwork and sound for a game
- Design and create a computer program for computer game, which uses sequence, selection, repetition and variables to detect and correct errors in their computer game.

PE

Theme: 'Basketball'

The children will:

- Continue to apply and develop a broad range of skills.
- Communicate, collaborate and compete with each other.
- Learn how to improve, how to evaluate and recognise success.
- Play competitive games, modified where appropriate (for example Basketball) and apply basic principles suitable for attacking and defending.

PATHS

Theme: Values

The children will learn:

- Co-operative learning skills
- The Golden Rules
- About feelings
- To recognise and control anger
- How to calm down



R.E

Theme-'Rules and Values'

The children will learn about:

- Belief in to action
- Prayer and Worship

Music

Theme - 'Livin' on a Prayer

At Nansen Primary School, we follow the Charanga Musical School Scheme. Each half term has a song as a focus and musical activities are based around it. Each lesson is in 3 main parts:

1. **Listening and Appraising.**

2. **Musical Activities:**

- a. Games - Games embed the Interrelated Dimensions of Music through repetition.
- b. Singing - Singing is at the heart of all the musical learning.
- c. Playing instruments - Playing instruments with the song to be learnt and an option to play any band instrument.
- d. Improvisation - Improvising with the song, using voices and instruments.
- e. Composition - Composing with the song, using instruments.

3. **Performing/Sharing** - Share what has taken place during the lesson and work towards performing to an audience.

Science

Theme - 'Forces'

Children will learn:

- About a variety of forces including gravity, air resistance, water resistance and friction.
- To explore how simple mechanisms can be used to make work easier.
- To observe and explain how gravity causes an unsupported object to fall towards the Earth.
- To research the relative effects of the gravitational pull on other planets.
- To carry out a range of activities to identify the effects of friction, air resistance, and water resistance and will consider ways of reducing water resistance through streamlining.

Working scientifically

Children will have found out how to measure using force meters and will have used this knowledge to investigate which shoes has the best grip and which shoes are most slippery. They will have used their results to form conclusions about which shoes create the most friction. They will have planned how to carry out a fair test on a paper spinner and will have investigated which sails use air resistance most effectively. Children will have investigated different shaped hulls on boats and will have measured the force needed to lift weights using a simple lever.

French

Theme—'Language skills'

The children will be learning about:

- Numbers
- Greetings
- Classroom instructions