

Stanbridge Lower School



Teacher: Mrs Brewer

Year Group: 4

Academic Year: 2023-2024



Water World

Simmering Starter: What would happen if our water disappeared for the day?

Grand Finale: Create a mini water cycle in a bag.

Geography

- Investigate why we need water and how we use it in the UK
- Compare the availability and usage of water in the UK with Kenya, a water-scarce country
- Research the different types of water on our planet
- Investigate a local body of water, Tiddenfoot Lake, to see what the water quality is like
- Create a water cycle to help understand the different stages
- Locate the Arctic and Antarctic Circles / Tropics of Cancer and Capricorn and compare them to the UK Develop map reading skills including knowledge of the eight compass points, Ordnance Survey map symbols and four and six-figure grid references

Science

States of Matter

- Explore the different states of matter solid, liquid and gas, and how particles behave in each state
- Identify and sort materials that are in each state of matter
- Investigate whether gases have weight
- Investigate how materials can change state, such as by melting and freezing
- Investigate the different state and changes water goes through, including melting, freezing evaporating and condensing
- Investigate how water evaporates, and what conditions can affect this
- Identify and explore the different stages of the water cycle by creating a water cycle in a bag

PSHCE

Health and Wellbeing: Healthy Lifestyles, Growing and Changing, Keeping Safe

- Explore ways of keeping safe in the local environment, and how to manage risks
- Explore what we mean by 'good hygiene' and why it important, how to build and maintain healthy habits and ways to break unhealthy ones
- Role play and explore scenarios in daily life and online involving negative pressure, and develop ways to deal with this
- Discuss and explore why school rules are important to keep us safe and healthy, who helps us to stay healthy and safe and what to do in an emergency situation
- Investigate some everyday drugs such as caffeine, alcohol and medicines, when and how they are used and what rules there are surrounding them

RE

What Are the Deeper Meanings of Religious Festivals?

- Explore what we celebrate, how and why, and create a new celebration
- Investigate the festivals of Diwali, Ramadan and Eid-ul-Fitr, Passover and Vaisakhi, exploring the stories behind each festivals' origin, and how it is celebrated by the community
- Look for similarities between these festivals, including in the stories behind them, the way they are celebrated and the spiritual meanings
- Discuss who festivals are for, and whether the meanings are being membered or lost through commercialisation

French

On The Move

- Use matching games such as bingo to learn about the names of different types of transport
- Role –play conversations asking how we go to school, using the French verb 'to go'
- Use Bee-Bots to learn and practise directional language by giving instructions
- Use songs and games, such as Head, Shoulders, Knees and Toes to practise giving and following instructions in French
- Talk about how we travel to school, asking and answering questions
- Use new and previous vocabulary to hold short conversations

Art and Design Technology

- Explore mechanisms including gears and pulleys, and create a working pulley lift
- Explore how to create a gradient using watercolours
- Explore the art work of Monet and his use of reflections, particularly in *Regatta at Argenteuil*
- Using this painting as inspiration, create our own painting showing a reflection with a gradient

Computing

Coding Year 4 Refresher.

- Revisiting existing coding skills from previous learning and applying these to make programs and games, including using click and start events, using buttons to move objects, creating sequences and using 'hit events'

Coding Introduction to Variables

- Create and debug games that use variables to track the score in a game
- Add conditional hit events that affect the score in a game
- Use variables to keep track of the score in a game with hit events

PE

Young Leader Training with LLSSP

- 3x 2 hour sessions to support children in developing their own and other children's learning by applying leadership skills
- Learn how to be a good role model, organisational skills and how to adapt activities using the STEP principle

Twinkl Move Dance – Water

- Create motifs to represent rivers and seas
- Combine movement phrases and patterns to create a short dance
- Perform dances with expression

Music

Kapow Scheme: Rivers

- Use listening skills to identify motifs in music
- Improvise and compose music along the theme of rivers
- Use letter names, symbols or rhythmic notation to record their compositions
- Perform their compositions in a groups and individually and evaluate other's compositions

Forest School

- Weekly sessions on Mondays with Mrs Patterson.