

KS1 & 2 Curriculum Mapping 2014-15 – identifying science & foundation subject objectives

Year Group: **YEAR 2**

Term: 1 2 3 4 **[5]** 6

Thematic Unit Name: **'FUN FOOD FACTORY'**

NC STATUTORY SUBJECT Programmes of Study (POS):

ENGLISH

Non-chronological reports (1 week)

I can write simple notes

I can write a non-chronological report

SATS (1 week)

Explanations – (2 weeks)

To create a flow chart or diagram that explains a process

To write an explanation text

Identifying:

- Diagrams
- Pictures
- Good organisation
- Joining words such as *because, so, this causes*
- Comparative words, *brighter, smaller*
- Technical vocabulary
- Glossary

Information Texts (2 weeks)

I can write an information text or web site

MATHEMATICS

Review of number operations and SATS (2 weeks)

To solve problems with addition and subtraction:

To use concrete objects and pictorial representations, including those involving numbers, quantities and measures

To apply their increasing knowledge of mental and written methods

To recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100

To add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones, a two-digit number and tens, two two-digit numbers, adding three one-digit numbers

To show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot

To recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers

To calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs

To show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot

Using and applying – challenges (2 weeks)

To solve problems with addition and subtraction:

- using concrete objects and pictorial representations, including those involving numbers, quantities and measures
- applying their increasing knowledge of mental and written methods

To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

Statistics (2 weeks)

To interpret and construct simple pictograms, tally charts, block diagrams and simple tables

To ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity

To ask and answer questions about totalling and comparing categorical data.

SCIENCE

Healthy living/ Food

- Find out about and describe the basic needs of humans, for survival (water, food and air)
- Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.
- Notice that humans, have offspring which grow into adults

Working scientifically

- * asking simple questions and recognising that they can be answered in different ways
- * observing closely, using simple equipment
- * performing simple tests
- * identifying and classifying
- * using their observations and ideas to suggest answers to questions
- * gathering and recording data to help in answering questions

Art & Design

Learn about a range of artists, craft makers and designers.

Cezanne – still life painting and sketching of fruit (linked to topic work)

Computing

Programming simple floor robots/ coding (Roamers/ Roamer world on computers/ Barclays code playground)

Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions

Create and debug simple programs

Design & Technology – healthy lunchboxes, making fruit salad

Design purposeful products

Select from and use a range of tools and equipment to perform practical tasks – cutting/ chopping.

Languages (KS2)

Geography – map work

Name and locate the world's seven continents and five oceans

History

Covered Autumn 2

Music

Experiment with, create, select and combine sounds using the inter-related dimensions of music.

Physical Education

Real P.E. – Module 5 (Health and fitness – Stations 3 & 11 FUNS) – this unit links to topic

Throwing/ catching – balance, agility and coordination.

Master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination, and begin to apply these in a range of activities.

RE (Locally Agreed Syllabus)

Islam – prayer – *Does praying at regular intervals everyday help a Muslim in his/ her everyday life?*

PHSE (non-statutory)

Forgiveness Wisdom

Jigsaw Puzzle 5

'Relationships'

'Relationships' – SEAL

3e – to know the names of the main parts of the body