



Y4 Hot Chocolate Home Learning March 2020



Sun



To scatter



Water

The Ancient Mayans were one of the first people to discover chocolate. This is the inspiration for this half term's work.

The children will learn about the Ancient Mayans, where and when they lived and their creations. They will continue their work on melting, find out where chocolate came from and how it is used around the world today. We want the children to gain an understanding of Ancient Mayan life, where they fit into a timeline and how their legacy affects us today.

The children are expected to complete the following tasks and bring them into school. It is parents' responsibility to ensure children complete the tasks. Teachers will keep records of which tasks are completed and celebrate the children's work.

Times Tables

Encourage your child to access times Tables Rock Stars at least twice a week.

Reading

Please listen to your child read *at least* four times a week and sign their home reading record book.



4 signed entries in a week = Bookworm sticker.

Y4 Spellings

The children will be tested on these spellings during the week beginning 23 March.

minute	ordinary	possession
natural	particular	possible
naughty	peculiar	potatoes
notice	perhaps	pressure
occasionally	popular	probably
often	position	promise
opposite	possess	

Try learning two or three spellings a week.

Science

Research the processes that transform a cocoa bean into a bar of chocolate.

Present creatively.

Maths

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
☺	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	☺

Write some calculations (with answers) using these numbers. eg

35	5	7
.		
≡	÷	—
	=	≡

Geography

Find 10 facts about Mexico. Present them in a creative way.

History

Create a timeline from the Maya to now. Include at least 6 major events.

Creativity

Design an original chocolate bar.

These tasks are optional but will greatly enhance the children's learning opportunities and understanding if completed:

Geography

Imagine you're on holiday in Mexico. Write a postcard to your teacher, describing the amazing time you are having. You could create an image for the front too.

Science

Create a classification key to sort at least 4 rainforest creatures.

Mayan Writing

The Maya created a writing system using symbols called glyphs. Each symbol represented a word or sound. Can you find out some of their symbols or create your own?

English

Create an advert to persuade someone to buy a new chocolate bar you have designed. Which persuasive words will you use?

Maths

Find out the weights of ten chocolate bars. Write them in order lightest to heaviest. Approx how many of each one would weigh 500g? 1kg?

Art

Design or make one of:
Mayan mask
Mayan temple
Mayan style calendar

During this half term in maths, the children will be learning:

- ▶ What is a fraction?
- ▶ Equivalent fractions (1)
- ▶ Equivalent fractions (2)
- ▶ Fractions greater than 1
- ▶ Count in fractions
- ▶ Add 2 or more fractions
- ▶ Subtract 2 fractions
- ▶ Subtract from whole amounts
- ▶ Calculate fractions of a quantity
- ▶ Problem solving - calculate quantities

Recognise and show, using diagrams, families of common equivalent fractions.

Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.

Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.

Add and subtract fractions with the same denominator.

- ▶ Recognise tenths and hundredths
- ▶ Tenths as decimals
- ▶ Tenths on a place value grid
- ▶ Tenths on a number line
- ▶ Divide 1-digit by 10
- ▶ Divide 2-digits by 10
- ▶ Hundredths
- ▶ Hundredths as decimals
- ▶ Hundredths on a place value grid
- ▶ Divide 1 or 2-digits by 100

Recognise and write decimal equivalents of any number of tenths or hundredths.

Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths

Solve simple measure and money **problems involving fractions and decimals to two decimal places.**

Convert between different units of measure [for example, kilometre to metre]

Glossary of terminology to support your children with reading and writing:

Preposition	Tells you about where or when objects are located (also defined as, "Anywhere you can kick a football"). Examples: over, beneath, behind, after, into.
Powerful adjective or verb	A more precise and descriptive adjective or verb that adds extra detail and information.
Adverb	Describes how, when or where the action happens and can be a word or a phrase. Examples: enthusiastically, during, outside, later that day.
Fronted adverbial	Adverb (word or phrase) placed at the start of a sentence, usually then followed by a comma. Example: Bursting with joy, he described what he had learned.
Simile	Describes one thing by comparing it to another, using as or like. Example: He smiled like a hungry crocodile.
Metaphor	Describes one thing by comparing it to another. Example: His smile lit up the room.
Determiner	A determiner is a word that goes before a noun and identifies the noun in further detail. Examples: a, an, the, this, that, his, her.
Homophones	Homophones are words which sound the same but have different meanings and are sometimes spelled differently. Example: there, they're, their