



Science

**1.Medicine makers**

Can you harness the healing properties of the plantain plant? Make plantain salve on an open fire, the perfect remedy for bites, burns and stings. Extend to explore the local environment and discover the healing properties of other native flora.

**2.Water purification**

Can you collect drinking water for survival? Carry out a water purification experiment using an open fire to boil water. Extend to construct a Tippy tap water storage system, emphasising the importance of sterile and hygienic water supplies.

**3.Porous versus Non-porous**

Can you identify porous and non-porous rocks? Maya cities were built upon porous limestone ground, allowing water to soak through deep into the ground far beyond reach. Explore the properties of a variety of rocks, making comparisons and carrying out experiments into their properties and level of absorption

Mathematics

**1. Stick temple challenge**

Can you construct the tallest stick temple tower? Small scale- sticks and twigs. Large scale- Branches.

Reinforce the strength of the ‘Jenga’ shape with pyre fire building.

**2.Maya maths**

Can you calculate Maya math? Using the Mayan vigesimal base 20 number system made up of three symbols; zero (shell shape), one (a dot) and five (a bar) create number sentences for the four maths operations; addition, subtraction, multiplication, division. Use leaves, sticks and stones to represent the three symbols and write number sentences. Children calculate the answers to one another’s number sentences.

**3.Maya games**

Can you construct a Maya maths game? Using the Maya numerical system construct a pebble dominoes game or x-table hopscotch.

Create a x-table hopscotch using the mayan numeral symbols

Create a game of dominoes feature mayan numerical symbols. Rock dominoes

English

**1.Fortunes / Prophecies**

Can you help to construct a class set of oracle stones by sawing a wood disc token? Illustrate the wood disc with a symbol and scribe with a fortune or prophecy. Alternatively, create wet felted rock oracle stones with symbolic colours of merino wool and write a set of ‘How to’ instructions using imperative verbs for the wet felting technique.

**2.Advertisement**

Can you compose an aural advertisement for a new Maya ‘wonder’ medicine- OUCH cream ***(See Science).*** Include; snappy slogan/catchy phrases/word play, repetition rhetorical questions, persuasive and emotive language. Create a nature collage poster advertisement.

**3.Mayan language**

Can you write a Mayan message? Construct a class set of clay or whittled wood length hieroglyph tablets, each one depicting a Mayan alphabet symbol. Use the symbols to write messages

Music

**1.Maya song**

Can you learn an ancient Maya song and perform it to a musical piece composed with instruments gathered from nature; rocks, branch of leaves etc. Ensure compositions include a number of musical features; tempo, dynamics, beat.

**2.Instruments**

Can you use a sheath knife to construct a stick xylophone? Carve a series of ‘V-notches’ with a knife and rubber mallet for a small scale stick xylophone. Extend to contribute to construction of a large stick xylophone using an axe and rubber mallet on a tree trunk length.

Art / DT

**1.Weaving**

Can you weave a stick God’s eye or more intricate wood disc token medallion? Can you construct a weaving loom- small scale and large scale Earth loom installation?

**2.Blood bread**

Can you bake blood bread? Bake beetroot damper bread on whittled toasting sticks over an open fire.

**3.Uictli**

Can you carve a Maya digging tool? Power cut carve one end of a stick length and carve a ‘V-notch’ above the tapered end to create a traditional farming tool. Extend to use the tool to plant seeds in a raised bed mirroring the stepped gardens of Maya cities.

Geography / History

**1.Underworld journey**

Can you navigate through the Maya underworld? Create an orienteering course in the outdoor area for children to navigate using skills including map reading and compass directions.

**2.Stick mobile timeline**

Can you construct a rope ladder timeline? Learn the Marlin spike hitch knot to construct a branch and rope ladder. Whittle each ladder run and scribe in chronological order the rise and fall of the Maya civilisation, identifying significant dates and events in the history of the Maya people.

**Upper KS2**

**Wild Tribe**

**MAYA**