



Autumn 1 2020

RECEPTION



Reception investigated light and rainbows using special glasses. The children demonstrated their understanding of their place in the universe, when they were able to name some of the planets in our Solar System and made a mini solar system using beads, before going out into the playground to mimic how the planets rotate round the Sun.



Atomic Tom's Atomic Science

Inspirational Visit

To celebrate International Space Week, the children of St. Mary's were treated to a visit from 'Atomic Tom' an inspirational and dynamic Science enthusiast, who runs his own science workshop company.

Focusing on all things Space, he delivered a variety of interactive workshops, to each of the Year groups, where they explored everything from the planets to the stars and all things in between,

To start his two day visit off, he delivered an Assembly, which would normally have been presented to the whole school, to our Year 4s all about flight, using a toilet roll and a leaf blower ...

His Assembly was recorded and is now available for the other Year Groups to view.

Year 1&2

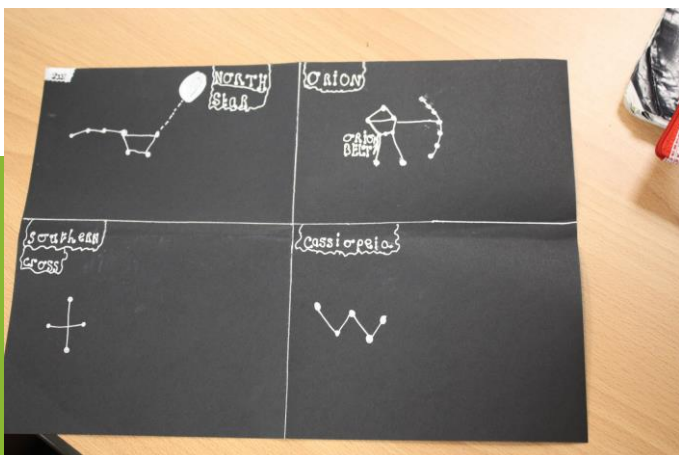
White Light and Jupiter's 67 Moons

Year 1 learned that the Sun was a star and not a planet and that it wasn't red or orange or yellow or green but all of the colours combined – white light, which Atomic Tom demonstrated using his 'colour wheel'. While Year 2 learned a fun way of remembering the order of the planets by using a mnemonic and getting to make up a mnemonic for themselves.

Outside they demonstrated how the planets move round the Sun, adding the movement of Earth's Moon and the 67 moons of Jupiter.



While acting out the concept night and day had everyone feeling dizzy.



Year 3&4

The focus for KS2 was the Stars. The children of Year 3 and 4 were amazed at the relative sizes of the planets and our Sun, compared to some of the other stars in our solar system.



The children proved themselves very knowledgeable and asked many interesting questions about Black Holes and who the universe was made.



Year 5 & 6

Stars was also the subject of the Year 5 and 6 workshop, where they explored the life-cycle of a star, which led to a discussion on Black Holes and 'spaghettification'. Children then went on to hear the stories about how some of the constellations in our solar system got their names.

