STEM at New Park Juniors

Impact

Pupils learn to love science.

Educational visits - MOSI

Pupils to close the gaps and progress

Termly and Year overviews created and discussed with staff/SLT

Termly moderation meetings

Parents will notice an improvement in pupil engagement and this will be evident via work in their books.

Implement

Additional E-safety work.

Science aims to be as engaging and practical as possible.

DB Primary sets work differentiated to 3 levels within a year group.

STEM projects with a local engineering company – Eurovia Engineers.

Inspired by Nicky Waller – A Creative Approach to Teaching Science.

Targets for Science topics taken from NC guidance.

Core NC coverage of science objectives on a 2 year cycle.

'Mad Science' on the last Friday of every month.

Pathways set on DB Primary to teach core computing curriculum.

All pupils to show expected progress, where attendance is good.

Cross curricular use of ICT/iPads.

Pupil voice – debated Minecraft use

STEM, big build competition with Eurovia Engineers – runner up.

DB Primary planning maps computing curriculum objectives covered within the pathways set.

Intent

We try to encourage an inquisitive mind through the teaching of science and regularly plan STEM opportunities with an engineering partner.

We aim to cover the core objectives of the computing curriculum through an accessible online learning platform.