

## IMPACT REPORT TO MARYLAND PRIMARY SCHOOL GOVERNORS

SUBJECT: Computing TERM: Autumn 2023

SUBJECT LEADER: Y.Khan

### KEY POINTS FROM SCHOOL DEVELOPMENT PLAN (SDP)

- To provide the opportunity for more flexible use of technology in lessons with mobile devices.
- To purchase new provision of ICT equipment that is out of date
- To develop the coding curriculum including the use of programmable manipulatives.

### PROGRESS AND IMPACT TO DATE

- SEND Ipad which were purchased are being used by 2 SEND children who access education from home. Appropriate apps have been downloaded onto those Ipad and training provided from Newham SEND department.

- We have had to decommission 72 chromebooks out of our 128 chromebooks as the battery was expanding out of the casing of the chromebooks (they were originally purchased in 2013). New set of 30 Chromebooks have been purchased. We now have 3 Chromebook trolleys which can be booked out to be used across all curriculum areas in addition to our current Ipad (16 Ipad).



5 new desktops have been purchased to replace the teacher's classroom computers which were slow and in need of replacing as they could no longer be updated.

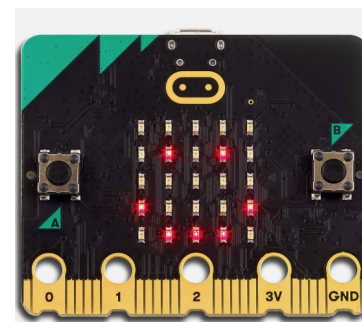
One new interactive whiteboard has been purchased and fitted in class 13. We were able to take advantage of an offer which was exclusive to Education Space (NPW). This allowed us to purchase the board at a discounted price with 60% off. The school is planning to purchase one ActivPanel per year to phase out the old ones.



New overhead projector for the Infant hall has been purchased and fitted. The projector provides HD imagery for the children in the Infant hall.

- We are one of the lucky schools who were given a free set of next generation Micro:bits. Micro:Bits promote computational thinking, inspire digital creativity and enrich the curriculum with pioneering machine learning lessons.

The micro:bit is a pocket-sized computer designed to inspire creative thinking in children. It can be programmed in many different ways and has multiple uses.



Through the micro:bit, children are encouraged to explore ideas using real code. Using it, they can see how what they do with the code on-screen has a direct impact on the device they're holding in their hand.

Version 2 has enhanced features such as:

- An LED display that also doubles as a light sensor

- An accelerometer that detects motion and movement
- A microphone and a speaker
- Radio and Bluetooth connectivity
- Input buttons and a touch sensor
- Connecting pins that allow it to be slotted into compatible devices or wired into a circuit

Year 6 children have been the first to use the new generation Micro:bits as part of their DT project where they conducted market research and designed/programmed their own pedometer using Micro:bits. Version 2 allowed extra equipment which meant that the children were able to wear their Micro:Bit.



- d) Maryland Twitter (now known as X) is back! Unfortunately, we were unable to regain access to our previous account as we were deactivated over 30 days which means that we have lost our followers and previous posts. Nevertheless, we have so many amazing events that happen, it shouldn't take us long to regain the followers!

### LOOKING AHEAD

- To provide extra curricular opportunities for Computing
- To continue to purchase new interactive white boards and desktops over the coming years, replacing old ones