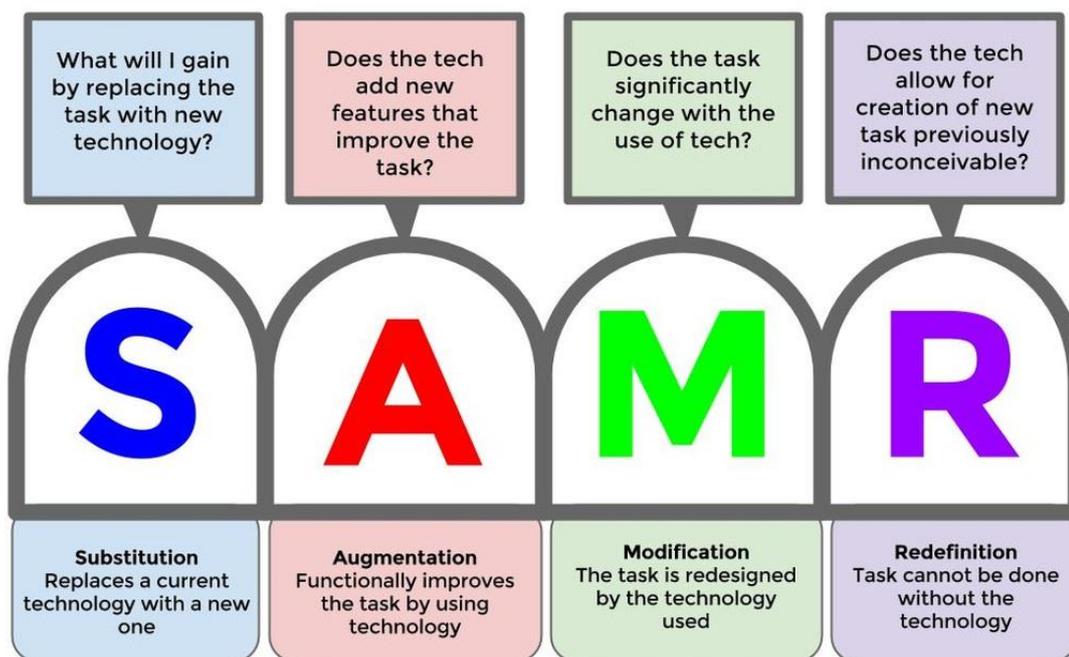


## Digital Teaching and Learning

At Newington Green the use of technology to support teaching and learning is embedded within the curriculum. Technology is seen as a tool to be used to enhance and transform teaching and as a method for pupils to demonstrate their learning.

### The SAMR Model



The SAMR model further embeds technology within the classroom, linking its use with the task. The ultimate aim is to redefine tasks into ones which could only be carried out by using technology. It is not the aim to simply replace writing with a pencil/pen with a task which utilises typing on a laptop for example.

At Newington green there is an expectation that technology will be used in the classroom at differing points of lessons such as:

- adult led input
- content creating by pupils
- assessment for learning
- differentiation by outcome

To support this we have a core group of applications/software which are expected to be used by all ages throughout the year. These are:

1. ActivInspire with the Interactive whiteboard (IWB) – There are a wide range of tools built in to this software which promote interactivity and support teaching and learning. These include hyperlinks to webpages/documents, embedding video, capturing the screen recorder

2. AirServer with class iPad – This piece of software enables a mirror image of the iPad to be shown on the IWB. It can be used with a number of applications to support and enhance teaching and learning including: with the camera app for use as a visualiser to instantly share excellent pupil writing or peer demonstration for example, with educreations (a whiteboard on the iPad) to up level writing or identify examples of success criteria being met.
3. Seesaw – this is a digital learning journal which can be used or accessed across a range of devices including classroom computer/iPad. Each class has their own login credentials for adults and a QR code for pupil access. Content in photo, video or text form is able to be shared and stored within the journal and this can be utilised to demonstrate mastery, for pupils to explain their reasoning behind art choices or with the 'activity library' as a method of assessment for learning.
4. LGfL and PurpleMash resources linked to USO accounts – everybody at Newington Green has a personalised Unified Sign On (USO) account which gives access to a wide range of free and subscription services. Examples of LGfL and PurpleMash resources have been mapped to the curriculum and can be access on laptops or iPads. A key application which is available in this way is J2e and this has multiple streams for English, Maths and Science. Home learning can utilise these resources as pupil USO details are shared with families.
5. Book Creator App – this app is located on the specific group iPads and is ideal to support pupils in creating digital content across the curriculum. The books/comics created can be shared as printed versions or as an eBook in video format. The app is suitable for use by all ages at Newington Green as it incorporates text (including speech to text), audio files, video, photographs and drawings. Possible uses include: creating phonics books, recording a science experiment from planning to results/conclusion, retelling a familiar story and creating social stories to support pupils with SEND

The use of technology to support teaching and learning is not restricted to these core applications. Other possibilities available currently include:

- Now>Press>Play
- Green Screening
- iMovie
- Stop Motion animation
- Kahoot!