

Dear Parents,



As part of our on-going efforts to keep you up to date with what your child will be learning, we have put together a Computing Newsletter giving you an overview of the computing curriculum we will be covering in Year 1, along with some useful tips and websites to help you support your child at home.



Throughout the year your child will be covering many aspects of computing please see an overview of some of the areas they will be covering broken down term by term.

Year 1 Computing Curriculum	
Autumn Term	<ol style="list-style-type: none">1) Online safety and exploring Purple Mash - To log in safely, save and find work.2) Grouping and Sorting - sort a variety of groups of objects online.3) Pictograms - To understand that data can be represented in picture format. To use a pictogram to record the results of an experiment.
Spring Term	<ol style="list-style-type: none">1) Lego Builders - To follow and create simple instructions.2) Maze explorers - To understand how to use the direction keys.3) Animated storybooks - To create and animated story with moving pictures, sounds and music.
Summer Term	<ol style="list-style-type: none">1) Coding - To use code to create a computer program.2) Spreadsheets - To understand what a spreadsheet looks like. To be able to navigate around a spread sheet and enter data. To add clipart images to a spreadsheet. To use the 'move cell' and 'lock' tools. To use the 'speak' and 'count' tools in 2Calculate to count items.3) Technology outside school - To find and understand examples of where technology is used in the local community. To record examples of technology outside school.

We follow the Purple Mash scheme of work (see above) for the main computing skills. Alongside this there a range of sites and APPs which we use to support the other curriculum areas to produce a broad and balanced approach to the timetable.


Maths Hit the button  a times tables, associated division facts, number bonds site. White Rose 1 Minute Maths App  Quick 1-minute activities to boost mental maths skills.


<https://whiteroseeducation.com/1-minute-maths>

Literacy Animaphonics  our new phonics programme. Nessy  an interactive website to help children with their phonics and spelling.

Sooperbooks - on-line story book to read and listen to

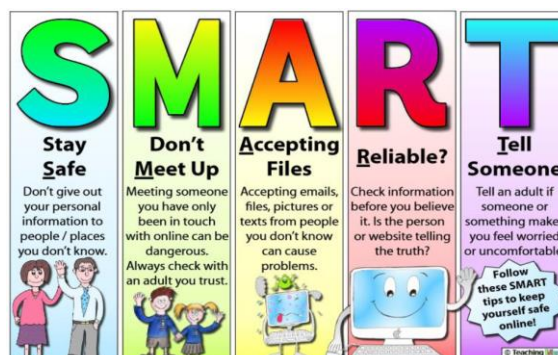
<https://sooperbooks.com/>

Topic BBC bite size  has a range of video clips to introduce topics and interactive quizzes and follow up work to stimulate the children's interest.

Science Explorify  an excellent site that looks at science in a different way and engages children with a variety of different ways of teaching science

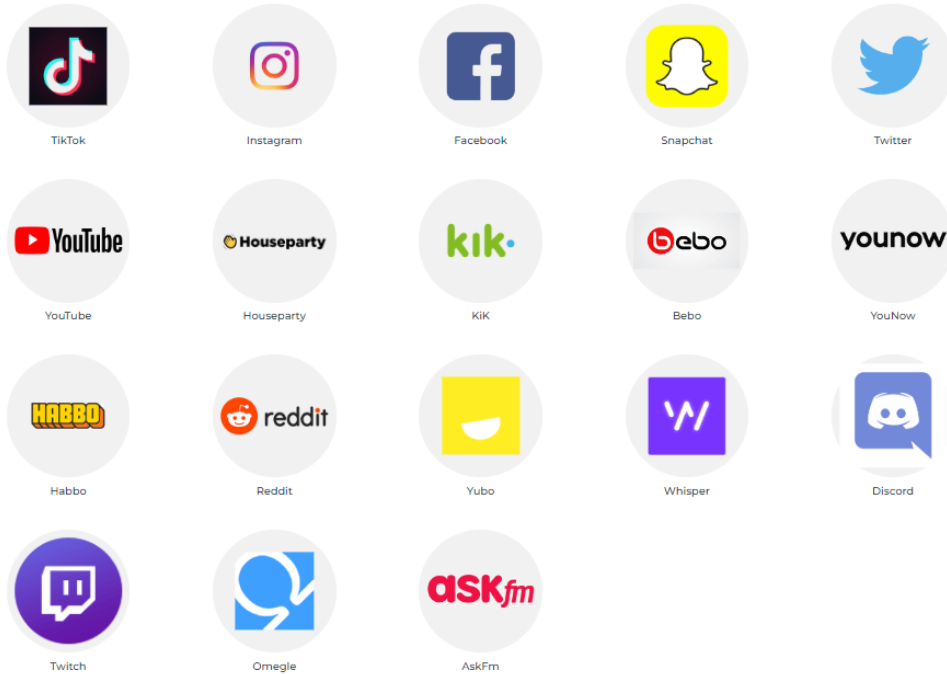
When using these sites, we are always aware of the need to keep our children safe. Within all lessons we discuss the need to question what it is we are researching and to challenge what the internet tells us (looking for further reinforcement of the information given to prove its authenticity)

We follow the SMART acronym:

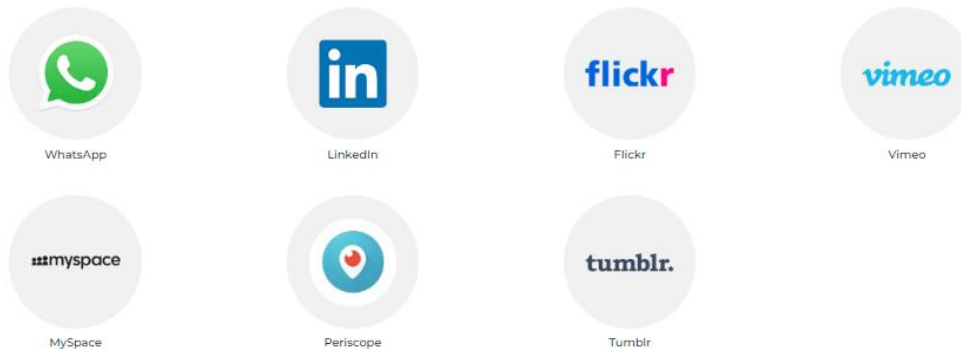


These are the age limits for a range of Apps, games and social media platforms will help you to keep your child safe online.

13+ Years



16+ years



Keeping our children safe whilst they are online is high on the national education agenda - keeping up to date with the websites, APPS and games they can access can be difficult. To help we have put together a list of websites that you might find helpful. They are full of good advice and tips.

<https://www.nspcc.org.uk/keeping-children-safe/online-safety>
<https://www.internetmatters.org/issues/>
<https://www.childnet.com/>