

What we will learn

'We are project managers'

This half term you will continue to learn to work collaboratively to develop a smartphone or tablet app. You will apply computational thinking to the task of managing a complex project.

This half term the work will enable you to:

- scope a project to identify different components that must be successfully combined
- identify your existing talents and plan how you can develop further knowledge and skills
- identify the component tasks of a project and develop a timeline to track progress
- identify the resources you'll need to accomplish a project
- use web-based research skills to source tools, content and other resources
- consider strategies to ensure of a collaborative project.

This half term you will learn to use concepts related to computational thinking (such as decomposition, patterns, abstraction and algorithms) and apply to project management. You will need to collect, analyse and evaluate a range of data and information. Most importantly, you will be working collaboratively with your peers.

Remember: as with any technology, it is important that you recognise the importance of working safely, respectfully and responsibly. Remember the SMART rules you have learnt about during your time at River Bank. Why not establish your own rules for acceptable behaviour when online, playing games or using apps?!

(information from 'Rising Stars Computing')



Useful links and tutorials

Useful links
 Introductory article on project management: http://en.wikipedia.org/wiki/Project_management
 Introducing pupils to project management skills: www.pmi.org/pmief/learningzone/bulding_pm_skills.asp
Online tutorials
 Moodle: http://docs.moodle.org/22/en/Moodle_video_tutorials
 Edmodo: <https://support.edmodo.com/>
 Google Apps for Education: <http://learn.googleapps.com>
 GitHub: <https://education.github.com/guide>



E-safety (information from 'www.childnet.com/resources/be-smart-online')

REMEMBER THE SMART RULES WHEN GOING ONLINE, PLAYING GAMES OR USING APPS.

S SAFE
 Keep your personal information safe. When chatting or posting online don't give away things like your full name, password or home address. Remember personal information can be seen in images and videos you share too. Keep them safe to keep yourself safe.

M MEET
 Meeting up with someone you only know online, even a friend of a friend, can be dangerous as this person is still a stranger. If someone you only know online ever asks you to meet up, for personal information or for photos/videos of you then tell an adult straight away and report them together on www.thinkuknow.co.uk

A ACCEPTING
 Think carefully before you click on or open something online (e.g. links, adverts, friend requests, photos) as you never know where they may lead to or they may contain viruses. Do not accept something if you are unsure of who the person is or what they've sent you.

R RELIABLE
 You cannot trust everything you see online as some things can be out of date, inaccurate or not entirely true. To find reliable information compare at least three different websites, check in books and talk to someone about what you have found.

T TELL
 If you are getting cyberbullied always tell a trusted adult.
 Tell a trusted adult if something or someone ever makes you feel upset, worried or confused. This could be if you or someone you know is being bullied online. There are lots of people who will be able to help you like your teachers, parents, carers or contact Childline – 0800 11 11 or www.childline.org.uk

Quiz	<u>A</u>	<u>B</u>	<u>C</u>
You must _____ the resources you'll need to accomplish a project	identify	involve	inclusive
Decomposition, patterns, abstraction and algorithms are all...	concepts related to computational thinking.	concepts related to collective thinking.	concepts related to computational tasks.
You must collect, analyse and...	evaluate.	excuse.	exhaust.
What does the 'T' in 'SMART' stand for?	Tell.	Talk.	Task.
It is important that you recognise the importance of working safely, respectfully and...	responsibly.	righteously.	reliably.