

## Bletchley Park – Crack the Code

### LET'S TRAVEL BACK IN TIME!

Within this exciting unit, children will explore the role of computing in British History focussing upon the developments at Bletchley Park and the role it played in the World War 2 efforts.

Children will immerse themselves in researching significant historical figures in computing understanding the impact of their discoveries. They will develop their knowledge as they explore how computing technology has changed overtime and the effect of this on the modern world.

Towards the end of term, children will explore a range of presentation methods including the use of podcasts. Children will be immersed through hands on learning as they discover how sounds can be organised and edited, considering the end user.



# Computing Curriculum Overview

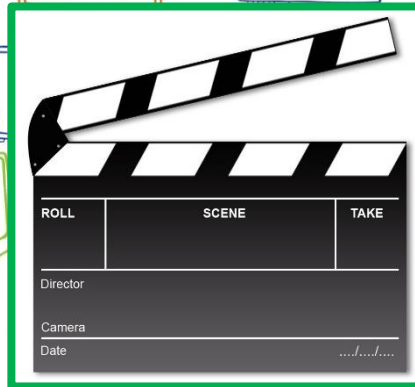
## Year 6

### Information. Models Spreadsheets – Welcome to the stage LIGHTS! CAMERA! ACTION!

In this unit, children will use spreadsheet software to structure numeric data, making calculations using formulae and functions. They will develop an understanding of how to use conditional formatting and 'What if' analysis within spreadsheet software and will use this to explore budgeting.

Children will develop a deeper understanding of how to format and present data in an appropriate aesthetically pleasing manner considering clarity and ease for the user.

Towards the end of term, children will apply their understanding and skills to create a budget for the Year 6 productions and have the exciting opportunity to present their analysis to the schools financial team.



## Staying Connected – Creative Channels

### WE'RE ALL IN THIS TOGETHER!

Children have the exciting opportunity to explore different types of digital communication, focussing upon the uses of social media, wikis and vlogs.

They will recognise how to use online communication methods safely including keeping personal data secure. Through collaborative discussions, children will work as class to build a wiki around a chosen class topic.

Children will lead their own learning as they take editorial responsibilities for their work, checking copyrights and crediting sources. Children will develop their skills further as they use green screen technology and the media suite to film, edit and upload videos to create a class vlog channel.

