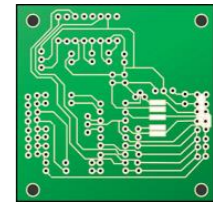# Computer Science Homework

Compulsory Homework

Autumn 1 – Key word into a sentence test - All Years

During the lesson, the teacher will give you a key word and you need to use it in a sentence accurately. You could practice this at home!

"Mouse" – "Keyboard" – "Monitor" – "Copy" – "Paste"
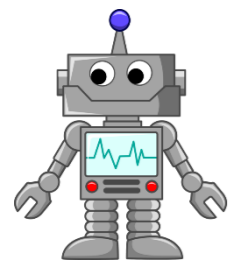
Spring 1 – Alphablocks - All Years

Fill the boxes with words from the topics you have studied this year.

BBC Bitesize

Summer 1 – Crossword - All Years

Complete the crossword that will be given to you by your teacher in class.

-Topic based – Newspapers / Blogging

Optional Projects

Year 5 - Draw a flowchart to make a cup of tea - Spring 2

You can choose to present your work on paper or on PowerPoint slides. Use your own words, do not copy and paste. Use pictures or diagrams to illustrate your work. Consider the complexity of your language – keep it simple!

Year 6 – Flowcharts and Algorithms - Spring 1

You have been asked to teach the Year 5s about Flowcharts and Algorithms. You can choose to present your work on paper or on PowerPoint slides. Use your own words, do not copy and paste. Use pictures or diagrams to illustrate your work. Consider the complexity of your language – keep it simple!

Year 7 – Designing computer systems - Autumn 2

You have been asked to design 2 different computer systems. One system will be a gaming machine. This has a budget of £1800. The other system will be used to research homework tasks and for emailing. This has a budget of £450. You will need to do some research to decide which components you will need for each system.

Year 8 – Networking - Autumn 2

You have been asked to teach the Year 5s about networking. You can choose to present your work on paper or on PowerPoint slides. Use your own words, do not copy and paste. Use pictures or diagrams to illustrate your work. Consider the complexity of your language – keep it simple!