



## **Year 6 Transition pack**

### **Subject: Computer Science**

#### **Transition activities**

1. Log onto the following website <https://hourofcode.com/uk/learn>. Work through several of the activities and introduce yourself to the world of programming.
2. Work your way through the videos and reading material on <https://www.bbc.co.uk/bitesize/subjects/zvc9q6f>. How many areas can you cover?
3. <https://www.piskelapp.com/> Use this link to design and create your own Animated Sprites.

#### **Reading lists**

What is Computer Science? Find out here:

<https://www.bbc.co.uk/bitesize/topics/zkcqn39/articles/zxgdwmn>

How do you stay safe when online? Find out here:

<https://www.bbc.co.uk/bitesize/guides/z9p9kqt/revision/2>

#### **Useful websites**

[https://www.teach-ict.com/2016/ks3/ks3\\_home.html](https://www.teach-ict.com/2016/ks3/ks3_home.html)

<https://www.bbc.co.uk/bitesize/subjects/zvc9q6f>

<https://hourofcode.com/uk>

#### **Films/documentaries/videos to watch**

The World of Computer Science <https://www.youtube.com/watch?v=QvyTEx1wyOY>

Staying Safe Online <https://www.youtube.com/watch?v=1nBxKFnnZLc>

#### **Career links with this subject**

Computer Science leads to many exciting careers. These could include: Games Designer, Graphics Designer, Software Developer, Website Designer and Cyber Security,

Find out more by visiting <https://www.startprofile.com/> and search for these jobs.