

Computing Activities

- Purplemash (primary mainly) – classes can set challenges for the children to be released on certain days – or just encourage children to explore it and share their work with teachers

<https://www.purplemash.com/sch/laleham-ct10>

Children know their passwords and usernames – but if they forget they can email teachers to confirm

- Rainforest Coding – children could log in and play the games whilst developing coding skills

Go to: www.rainforestcoding.co.uk

login details:

Username - **Ramsgate**

Password - **rainforest**

- BBC Micro:Bits – children can access this site for free and explore the projects - programming the Micro:Bits using the simulator on the screen.

<https://makecode.microbit.org/>

- Children could also explore code club projects – these will introduce and develop understanding of different computer languages – I am registered but there are also many projects that are free to explore.

<https://projects.raspberrypi.org/en/codeclub>

Discovery Education – is another platform we subscribe to that the children could practice using

<https://www.discoveryeducation.co.uk/>

Login details:

Username

student34742

Password

password

- Scratch – a free download where children can explore the program and create their own programs

<https://scratch.mit.edu/>

- Stop the Disaster – a free simulation program that explores natural disasters and challenges the user to protect a town from the disaster.

https://www.stopdisastersgame.org/stop_disasters/

- Years 9-11 will receive an email with a request to join a learning platform called Secana where there will be a few modules relating to computer science and coding for them to work through and complete

- iDea award

<https://idea.org.uk/>

Children could sign up to this award and work through the modules – it involves reading and answering a few questions. This could be an additional qualification for some of our children.

You will need to ...

- Register an account
- Log in
- Click on your profile picture,
- Select edit profile
- Scroll to the bottom and type the organiser code **1234cv** in order to join our setting.
- Then you are ready to start the journey!