



## Marvellous Magpies

This month our magpies are all on the theme of computing and e-safety. We know the internet can be a wonderful thing, when we use it properly. Check out the ideas below and see if you can get inspired!

### **Person of the Month: Ada Lovelace**

Our person of the month is Ada Lovelace. She was a fantastic mathematician and one of the world's first computer programmers (before computers were even invented and made)! Her extraordinary ideas, along with those of her friend, Charles Babbage, are often seen as the starting point for all modern computer programmes!

To find out more explore: <https://kids.nationalgeographic.com/history/article/ada-lovelace>

Ada was a pioneer and inventor. What do you think computers will look like in the future? Why not design one and put it in Midnight Marvel's Magpie Box?

### **Places to visit**

If you have time over the Easter holiday, why not have a trip to the science museum with your family? There you can explore how technology works and enjoy lots of interactive displays and learning opportunities. You could take photos of what you see or design your own science museum. You could make a map or design a display. You might teach Midnight Marvel a thing or two.

There are also some fun things to do on their wonderlab website, which can be found at: <https://wonderlabplus.sciencemuseumgroup.org.uk/>

### **Being safe online**

We know the keeping safe online is important. For example, the games and apps we use often have an age limit or advised age for a good reason. For example, internet matters tells us that;

“Fortnite has a PEGI (Pan European Game Information) rating of 12, PEGI have said this is due to the: ‘frequent scenes of mild violence. It is not suitable for persons under 12 years of age’.

This PEGI rating only takes into account the content in the game and not the contact element, where players may be exposed to swearing and offensive language from strangers, either through audio or on-screen text chat.

As Fortnite is an online game you will play against players of different ages from across the world. You cannot choose who you play against.”

It is important that you are aware of these age limits, and that your grown ups know who you are playing with and when. They can visit [www.internetmatters.org/hub/guidance/fortnite-battle-royal-parents-guide-keep-kids-safe-gaming/](http://www.internetmatters.org/hub/guidance/fortnite-battle-royal-parents-guide-keep-kids-safe-gaming/)

Can you design a poster to help Midnight Marvel stay safe online? You could even use a computer to make it pop!

### **Love our libraries**

Normally we have an author of the month, who we recommend to you. On this special month, we have chosen a few different books that you might find in the library, and have linked to a list of further ideas.

#### **1. Little People, Big Dreams: Steve Jobs, Ada Lovelace**

In these books from the critically acclaimed, multimillion-copy bestselling Little People, BIG DREAMS series, discover the life of Steve Jobs, the visionary whose ideas still shape the world, or Ada Lovelace, the first computer programmer.

#### **2. Troll Stinks! By Jeanne Willis and Tony Ross**

Billy Goat and his best friend Cyril are messing about with the farmer's mobile phone, taking selfies and playing games . . . until they find the number for a troll. Their Grandpa Gruff says trolls are bad, so Billy and Cyril decide to get their own back by sending mean messages. After all, trolls really do stink! This book helps younger readers understand how trolling and unkind words can affect someone, even through a computer screen.

#### **3. Hacker by Malorie Blackman**

A cyber-crime thriller from the former Children's Laureate Malorie Blackman. Vicky's father is sent to jail for stealing a large sum of money from the bank and she sets about to prove that he is innocent. Using her brilliant computer skills, Vicky decides to hack into the bank computer files to find evidence of the truth about the real thief.

For more book ideas: <https://www.booksfortopics.com/booklists/topics/science-maths-computing/computing-gaming-coding/>

### **Sporting April**

This month, our very own Mrs Lacey will be running the marathon for the Royal Marsden Cancer Charity! Why not make a poster or a banner that you might wave for her, and the other incredible, brave runners who take on this amazing challenge? Keep your eye out on the TV coverage on the day. You might even catch a glimpse of her as she runs!