

ACTIVITY TITLE:

Run Marco!



WHAT'S IT ABOUT:

'Run Marco!' is a free technology game that allows students to learn and practice coding and programming in a fun environment. Coding allows students to learn to think in a new way, to quote Bill Gates "learning to write programmes stretches your mind". This kind of activity also prepares students for the workplace of the future. By 2020, it is estimated that over 800,000 IT vacancies will exist across Europe in areas such as programming and app design.

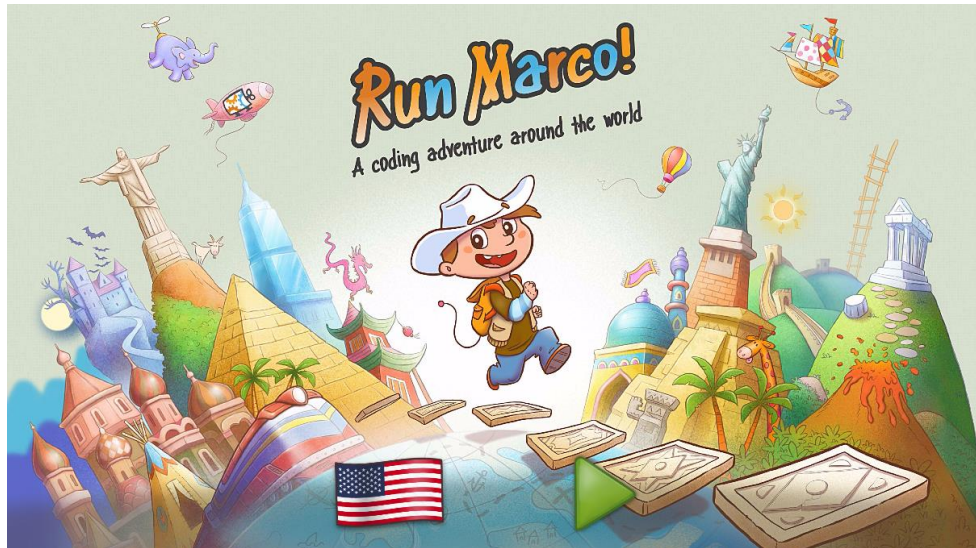
BOOT UP:

This is a great around-the-world adventure game that is free to use and will help to teach students the basics of coding.

LOADING...

Open a web browser and go to <https://www.allcancode.com/hourofcode> and click on the 'Run Marco!' button. Follow the game's instructions and see if you can complete all of the levels!





ACTIVITY HOSTS – WANT TO KNOW MORE?

Objective: Use technology to create new knowledge and artefacts. Learn the 21st century skill of coding.

Before students get drawing, you could show videos on coding such as:

<https://www.youtube.com/watch?v=cKhVupvyhKk> from Microsoft Learning or

<https://www.youtube.com/watch?v=nKlu9yen5nc> from Code.org or

<https://www.youtube.com/watch?v=H5Vzo-iPGCo> from BuzzFeed



NEXT STEPS:

Consider the role of a coder. Discuss any inventions that we use in every day life and whether they use code or not . Have a discussion with students in groups on how coding inventions help people, for example by improving health, saving the environment, lowering prices and making life more enjoyable.

For more on programming for beginners visit www.scratch.ie

FINAL STEP!

Activity Hosts - Don't forget to register your activities on www.techweek.ie.

