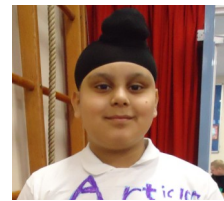




Bovesfield News

July 2018

Coding



What is Coding?

Computer programs are made using a special language called code. Coding is used so that the computer program understands what to do.

As coding is part of the National Curriculum, our reporters have tested, and reviewed, some popular coding apps and programs.

In this issue:

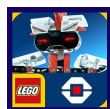
- Cargo-Bot



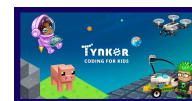
- Hopscotch



- Fix the Factory



- Tynker



- Scratch





Scratch + Scratch Junior



Scratch - Available on: computers/desktop only
Suitable for ages: 7+

Scratch Junior—available on: i-pad and android tablets
Suitable for ages: 5-7

Purpose of the games: Create stories, games, and animations

Positive points: Lots of helpful tips on how to create animations on the 'Things to Try' page.

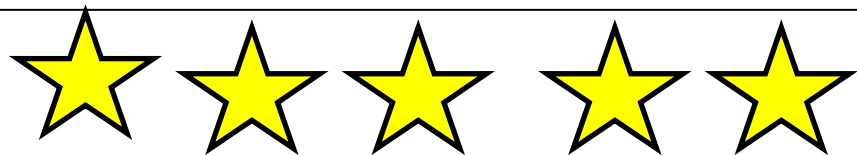
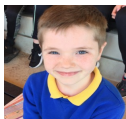
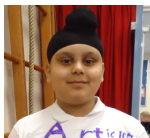
Negative points: Scratch is only available on computers. It does not work on i-pads.



Reviewed by:



Star Rating



Cargo-Bot



www.educationalappstore.com/app/cargo-bot

Available on: Phones, tablets and iPad , android & iOS

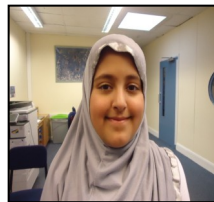
Suitable for ages: 10+

Purpose of the game: Cargo-Bot is a puzzle game where you teach a robot how to move crates,

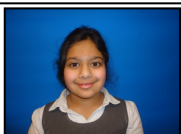
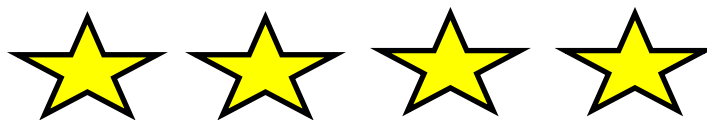
Positive points: Variety of levels, it gets you thinking.

Negative points: The instructions aren't clear enough, it would help if it explained what each tile did.

Reviewed by:



Star Rating



Fix the Factory



<https://www.educationalappstore.com/app/lego-mindstorms-fix-factory>

Available on: iPhone, iPad and iPod touch.

Suitable for ages: 8+

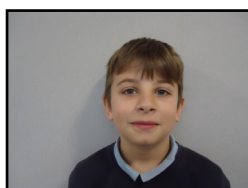
Purpose of the game: To create a series of programs to direct the robot, Ev3rstorm, to complete tasks.

Negative points: Not very exciting. The robot isn't very colourful and the graphics aren't very good.

Reviewed by:



Star Rating



Hopscotch



Available on: iOS 9.0 or later. Compatible with iPhone, iPad, and iPod touch.

Suitable for ages: 5+

Purpose of the game: This game lets you have as much fun making games as playing them. You can build all kinds of apps—while learning the basics of programming.

Positive points: It's easy, fun and very colourful.

Reviewed by:



Star Rating



Tynker



Available on: Requires iOS 8.0 or later. Compatible with iPad.

Suitable for ages: 7+

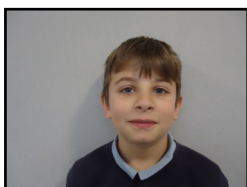
Purpose of the game: Tynker is a complete learning system that teaches how to code by designing games and building apps .

Positive points: You can make your own creation and there are lots of options.

Reviewed by:

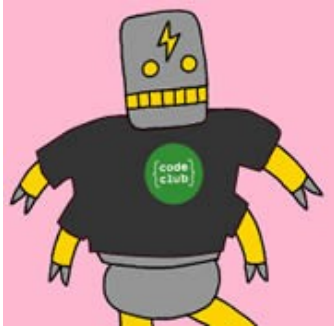


Star Rating

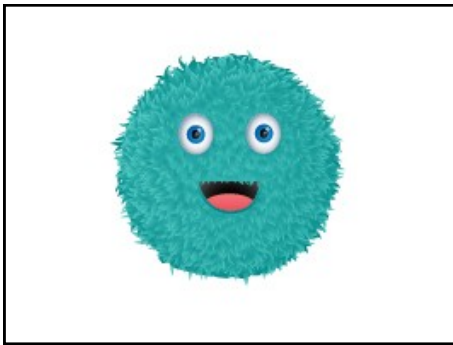


Other Coding Apps and Programmes

Move the Turtle



Code Club



Kodable



CODE COMBAT

Box Island



Be smart on the internet

**S****SAFE**

Keep safe by being careful not to give out personal information – such as your full name, email address, phone number, home address, photos or school name – to people you are chatting with online.

**M****MEETING**

Meeting someone you have only been in touch with online can be dangerous. Only do so with your parents' or carers' permission and even then only when they can be present.

**A****ACCEPTING**

Accepting emails, IM messages, or opening files, pictures or texts from people you don't know or trust can lead to problems – they may contain viruses or nasty messages!

**R****RELIABLE**

Information you find on the internet may not be true, or someone online may be lying about who they are.

**T****TELL**

Tell your parent, carer or a trusted adult if someone or something makes you feel uncomfortable or worried, or if you or someone you know is being bullied online.

**THINK
U
KNOW**

You can report online abuse to the police at www.thinkuknow.co.uk

**www.kidsmart.org.uk****KidSMART**

Visit Childnet's Kidsmart website to play interactive games and test your online safety knowledge. You can also share your favourite websites and online safety tips by Joining Hands with people all around the world.

