Teacher Guidance

ScratchJr is a great tool to introduce children to programming language and is aimed at ages 5 - 7. It is a fantastic precursor to Scratch Programming. It is available as a free app for Chromebooks, Apple and Android devices. The platform encourages basic understanding of algorithms and how to create precise instructions for visual working programs. It begins to develop a sense of creating, debugging and logical reasoning, which are required for further programming at KS2.

Each ScratchJr Creative Coding Challenge is an open-ended task, which can be approached in many different ways. Pupils should be encouraged to have a go and tackle these tasks independently but Helpful Hints can be used to find solutions. These are not intended to provide complete solutions but may serve as useful cues .

Each ScratchJr Creative Coding Challenge includes:

• Getting Started to introduce the task and set the stage

• A set of creative challenges for pupils to work through at their own pace

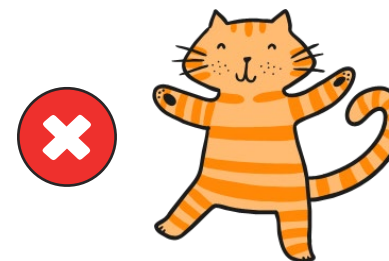• Helpful Hints to support less-confident coders

To delete the Cat character:

Keep your finger on the **Cat** character until a red cross appears. Then tap the red cross.

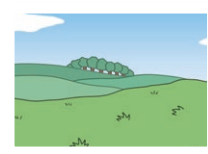**Getting Started**
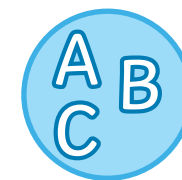
Select **Spring** background.

Use the **Add Text** icon to add an instruction for your game.

Can you find the egg?

Choose a background:

Add an instruction with the **Add Text** icon:

Challenge 1:

Can you use the **Paint Editor** to draw a colourful Easter egg? Add the egg to your background.
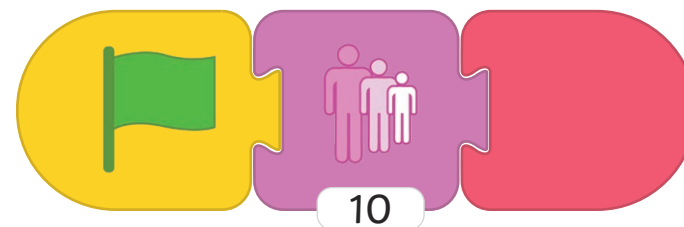
I can create a character.

Challenge 2:

Can you make your Easter egg smaller? Try changing the number to get the right size.

10

I can resize a character.

Challenge 3:

Can you add five different characters? Put one on top of the Easter egg to hide it. Change the size of your characters if you need to.
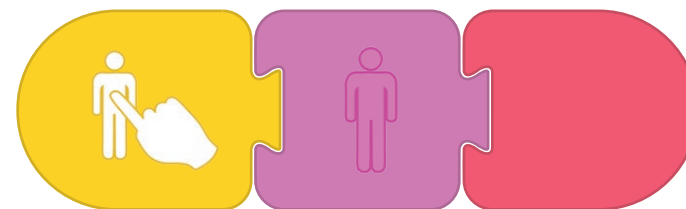
I can add a character.

Challenge 4:

Can you make the character on top of the Easter egg hide when it is touched?

I can make a character hide.

Top Tip: Make sure that you choose the character you want to resize.

Challenge 5:

Can you add a **'pop'** sound when the character hiding the egg is touched?

pop

I can add a sound.
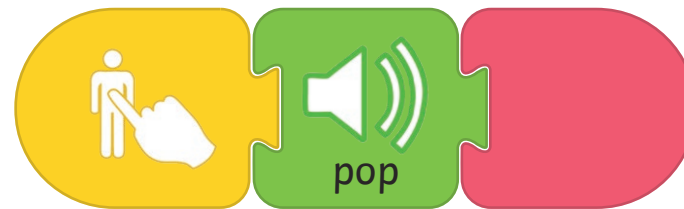
Give your game to a friend to play.

How quickly can they find the Easter egg?

How could you make your game even better?

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