

TITLE: Animate me
LEARNING SCENARIO

School:	Duration (minutes):	90
Teacher:	Students age:	8

Essential Idea:	Creating animations by using blocks from the Motion, Looks, Sound, Events and Control categories.
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Topics:

- Pupils explore, design and create step-by-step and creative instructions to solve a specific challenge or problem.

Aims:

- The student creates a series of instructions in which he uses repetition.
- The student analyzes a series of instructions that perform a simple task and if necessary, corrects the wrong sequence.

Outcomes:

- With the help of the teacher, students can discover, display and analyze the steps of solving a simple task that contains a sequence of steps and repetition.

Work forms:

- individual work
- work in pairs

Methods:

- presentation
- talk
- graphic work

ARTICULATION

Course of action (duration, minutes)

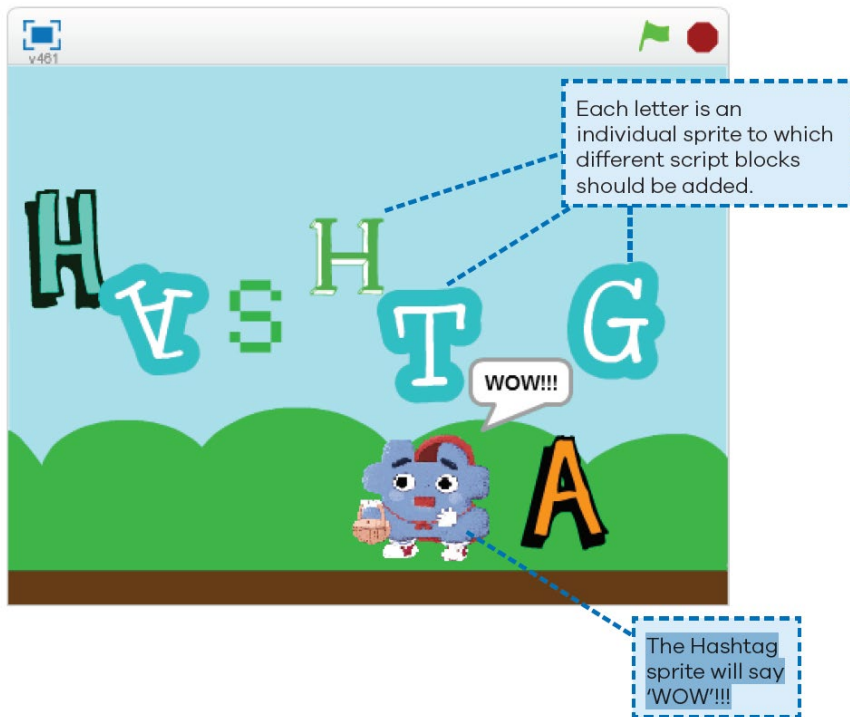
INTRODUCTION

We are preparing a welcome party for Hashtag.

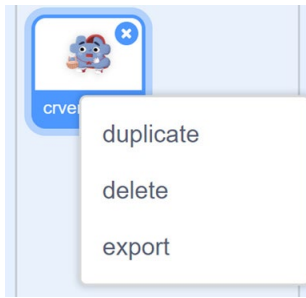
Each letter of his name will be dancing on the stage using blocks from the Motion, Looks, Sound, Events and Control categories.

MAIN PART

The teacher explains:

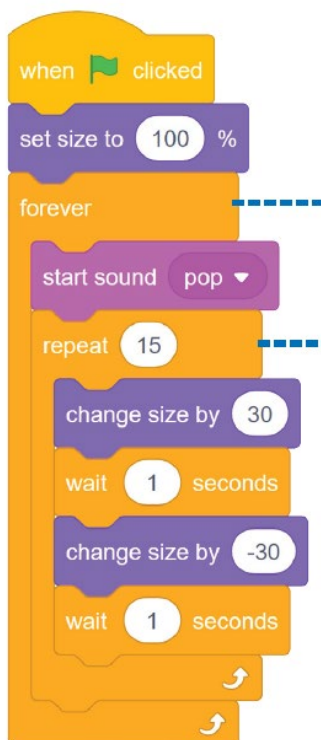


Repeating letters can be duplicated.



Exercise 1.

1. Add sprites to the stage – letters H A S T G.
2. Don't add the letters H and A twice but duplicate them!
3. Load the Blue Sky backdrop from the gallery.
4. Load the Hashtag sprite from the computer.
5. See the example of a script block for one letter and add it to a letter on your stage.



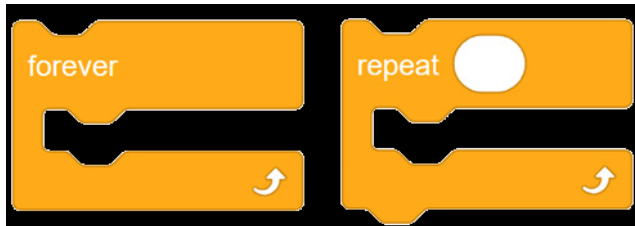
The forever block will repeat your blocks forever.

The repeat 15 block will repeat your blocks 15 times.

You can enter the number of repetitions as you wish.

Animate each letter, imaginatively and creatively, using blocks from the following groups: Motion, Looks, Sound, Events and Control.


In the exercise, make sure to use the blocks forever and repeat:



Try different numbers of repetitions.

All letters should move at the same time.



And finally, set  on the Hashtag's sprite at any time and then wait for a few seconds.

The repeat block will repeat your blocks forever.

Pupils solve exercise in Scratch and present their solutions.

Pupils and teachers discuss and evaluate the presented solutions.

1. Animate your name!

Add sprites to the stage.

Load the backdrop from the gallery.

Animate each letter, imaginatively and creatively, using blocks from the following groups: Motion, Looks, Sound, Events and Control.

Pupils solve tasks in Scratch and present their solutions.

Pupils and teachers discuss and evaluate the presented solutions.

CONCLUSION

To successfully complete the task, it is necessary to set the steps in the correct order.

The teacher checks the pupils' solutions to the tasks.

Together they repeat the strategy they used in solving today's tasks.

Methods

presentation
discussion
work on the text
graphic work
interactive exercise /simulation on the computer

interview
demonstration
role playing

Work forms

individual work
work in pairs
group work
frontal work

Material:

- computer, Scratch/Scratch Online

Literature

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PERSONAL OBSERVATIONS, COMMENTS AND NOTES