

# CREATIVE COMPUTING

Learner Workbook

**This workbook belongs to:**

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# UNIT 0

## GETTING STARTED



YOU ARE HERE

WHAT'S INCLUDED

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INTRODUCING SCRATCH  
SCRATCH ACCOUNT  
DESIGN JOURNAL  
SCRATCH SURPRISE  
SCRATCH STUDIO  
CRITIQUE GROUP

clicked

10

10 steps

change color effect by 25

drum 4 for 0.2 beats

Welcome to Scratch! for 2 s



# INTRODUCING SCRATCH REFLECTIONS

NAME:

RESPOND TO THE FOLLOWING REFLECTION  
PROMPTS USING THE SPACE PROVIDED  
BELOW OR IN YOUR DESIGN JOURNAL.

+ What are the different ways you interact with computers?

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+ How many of those ways involve being creative with computers?

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# SCRATCH ACCOUNT

NEW TO SCRATCH? GET STARTED BY CREATING YOUR SCRATCH ACCOUNT!

You will need a Scratch account to create, save, and share your Scratch projects. The steps below will walk you through creating a new account and setting up your profile. ----->



## START HERE

- ❑ Open a web browser and navigate to the Scratch website: <http://scratch.mit.edu>
- ❑ On the homepage, click on "Join Scratch" at the top on the right or in the blue circle.
- ❑ Complete the three steps to sign up for your very own Scratch account!

The image shows a screenshot of the Scratch website homepage. At the top, there is a navigation bar with "Scratch" logo, "Create", "Explore", "Discuss", "Help", a search bar, and "Join Scratch" and "Sign In" links. Below the navigation bar, the main content area features the Scratchy character, a "TRY IT OUT" button, a "SEE EXAMPLES" button, and a "JOIN SCRATCH (it's free)" button. A code editor snippet is visible on the right. Below this, there is a "Featured Projects" section with several project thumbnails. At the bottom, a "Join Scratch" modal form is displayed. The form has the heading "Join Scratch" and a close button. Below the heading is the text "It's easy (and free!) to sign up for a Scratch account." followed by three input fields: "Choose a Scratch Username", "Choose a Password", and "Confirm Password". A blue tooltip next to the username field says "Don't use your real name". At the bottom of the form, there is a Scratchy character icon, a progress indicator with three steps (1, 2, 3) where step 1 is highlighted, and a "Next" button.

# SCRATCH ACCOUNT REFLECTIONS

NAME:

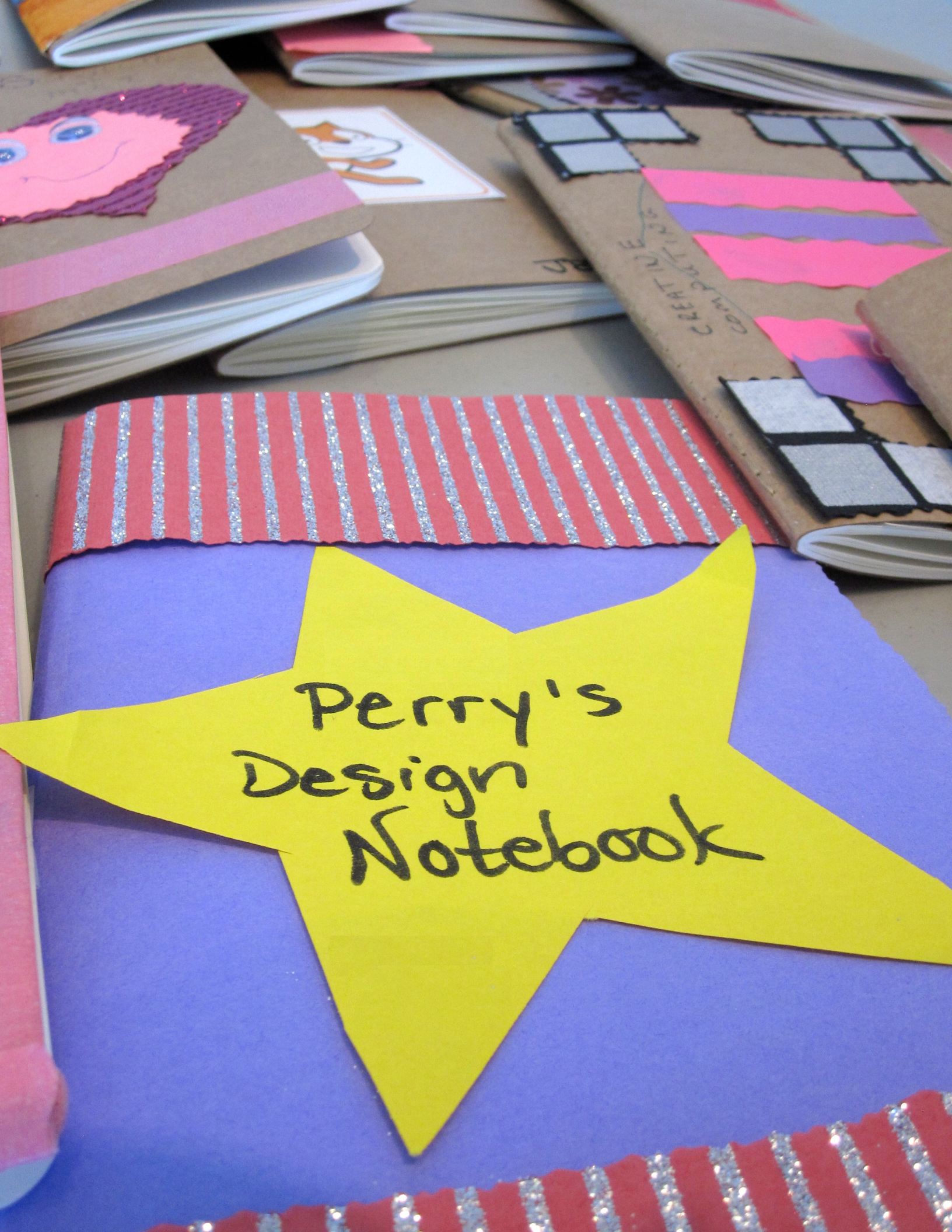
RESPOND TO THE FOLLOWING REFLECTION PROMPTS USING THE SPACE PROVIDED BELOW OR IN YOUR DESIGN JOURNAL.

+ What is your Scratch account username?

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+ What is a hint to help you remember your password?

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Perry's  
Design  
Notebook



# DESIGN JOURNAL REFLECTIONS

NAME:

RESPOND TO THE FOLLOWING REFLECTION  
PROMPTS USING THE SPACE PROVIDED  
BELOW OR IN YOUR DESIGN JOURNAL.

+ How would you describe Scratch to a friend?

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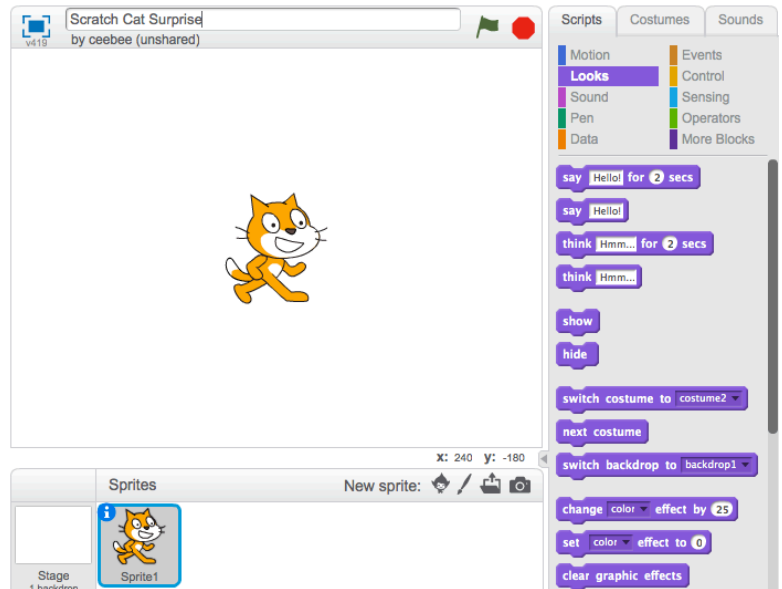
+ Write or sketch ideas for three different Scratch projects you are interested in creating.

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# SCRATCH SURPRISE

CAN YOU MAKE THE SCRATCH CAT DO SOMETHING SURPRISING?

In this activity, you will create a new project with Scratch and explore different Scratch blocks to make the cat do something surprising! What will you create?



## START HERE

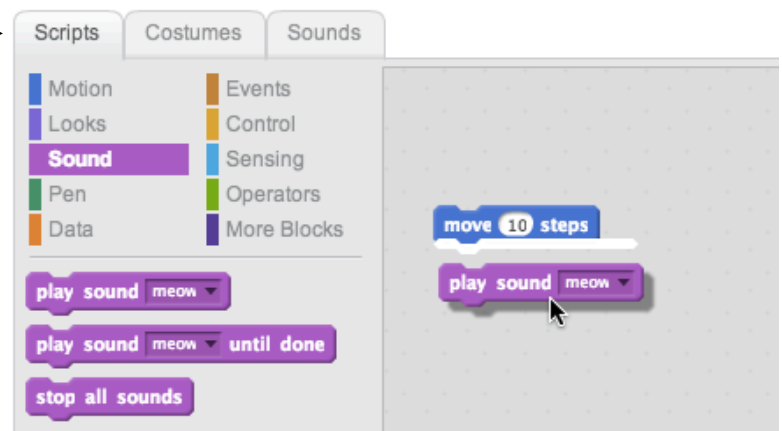
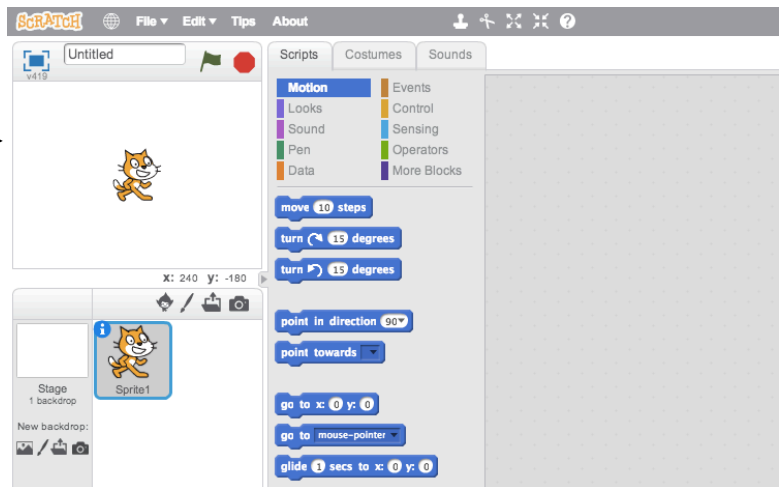
Go to the Scratch website: <http://scratch.mit.edu>

Sign into your account.

Click on the "Create" tab located at the top left of the browser to start a new project.

Time to explore! Try clicking on different parts of the Scratch interface to see what happens.

Play with different Scratch blocks! Drag and drop Scratch blocks into the scripting area. Experiment by clicking on each block to see what they do or try snapping blocks together.



# SCRATCH SURPRISE REFLECTIONS

NAME:

RESPOND TO THE FOLLOWING REFLECTION PROMPTS USING THE SPACE PROVIDED BELOW OR IN YOUR DESIGN JOURNAL.

+ What did you figure out?

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+ What do you want to know more about?

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# SCRATCH STUDIO

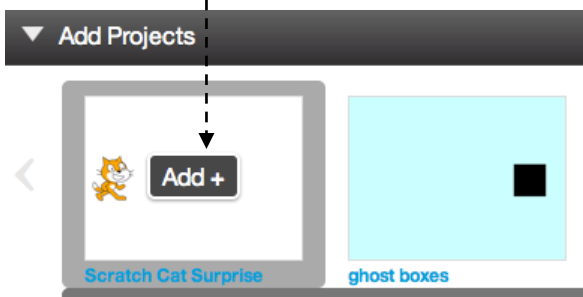
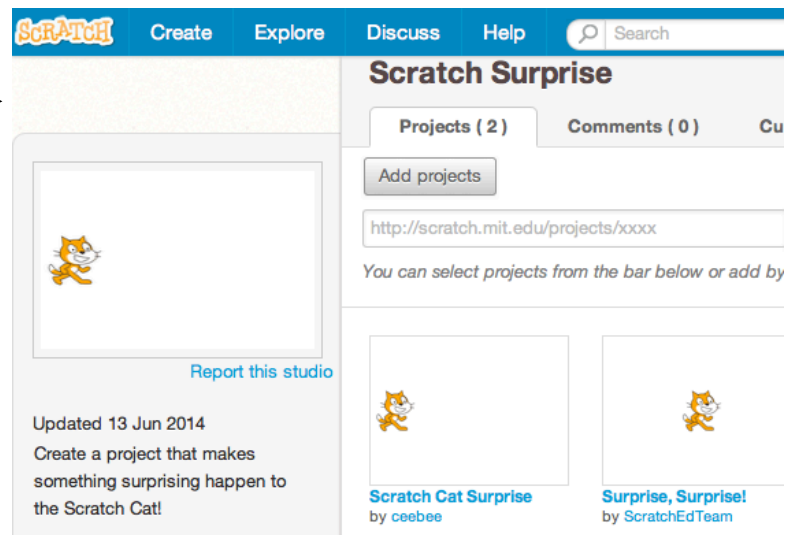
LEARN HOW TO ADD YOUR PROJECT TO AN ONLINE SCRATCH STUDIO!

Studios are collections of Scratch projects. Follow along with the steps below to add your Scratch Surprise program to the Scratch Surprise studio on the Scratch website. ----->



## START HERE

- ❑ Go to the Scratch Surprise studio using this link:  
<http://scratch.mit.edu/studios/460431> ----->
- ❑ Sign into your account.
- ❑ Click on "Add Projects" at the bottom of the page to show your your projects, favorite projects, and recently viewed projects. ----->
- ❑ Use the arrows to find your Scratch Surprise project and then click "Add +" to add your project to the studio. ----->



# SCRATCH STUDIO REFLECTIONS

NAME:

RESPOND TO THE FOLLOWING REFLECTION PROMPTS USING THE SPACE PROVIDED BELOW OR IN YOUR DESIGN JOURNAL.

+ What are Scratch studios for?

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+ What did you find interesting or inspiring about looking at other projects?

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+ What two comments did you share?

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+ What is "good" feedback?

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# CRITIQUE GROUP

FEEDBACK FOR: \_\_\_\_\_

PROJECT TITLE: \_\_\_\_\_

FEEDBACK BY	[RED] What is something that doesn't work or could be improved?	[YELLOW] What is something that is confusing or could be done differently?	[GREEN] What is something that works well or you really like about the project?

## PARTS OF THE PROJECT THAT MIGHT BE HELPFUL TO THINK ABOUT:

- + Clarity: Did you understand what the project is supposed to do?
- + Features: What features does the project have? Does the project work as expected?
- + Appeal: How engaging is the project? Is it interactive, original, sophisticated, funny, or interesting? How did you feel as you interacted with it?



