

ORANGE SQUARE, PURPLE CIRCLE



SUGGESTED TIME
30-45 MINUTES

OBJECTIVES

By completing this activity, students will:

- + express their creativity by completing an arts-themed challenge
- + gain more fluency with Looks blocks and the paint editor

ACTIVITY DESCRIPTION

- ☐ Optionally, show example projects from the Orange Square, Purple Circle studio and have the Orange Square, Purple Circle handout available to guide students.
- ☐ Give students time to create a project that includes an orange square and a purple circle. Invite students to experiment with Looks blocks and the paint editor to explore their artistic abilities.
- ☐ Encourage students to share their creative work with others. We recommend gallery walk: have students put their projects in presentation mode and then invite them to walk around and explore each other's projects. Optionally, have students add their projects to the Orange Square, Purple Circle studio or a class studio.
- ☐ Ask students to think back on the design process by responding to the reflection prompts in their design journals or in a group discussion.

RESOURCES

- ☐ Orange Square, Purple Circle handout
- ☐ Orange Square, Purple Circle studio
<http://scratch.mit.edu/studios/475527>

REFLECTION PROMPTS

- + How did you incorporate an orange square and a purple circle into your project? Where did this idea come from?
- + What was challenging about this activity?
- + What was surprising about this activity?

REVIEWING STUDENT WORK

- + Do projects include an orange square and a purple circle?

NOTES

- + If students have questions, remind them that they can open the Tips Window to learn more about specific blocks or different parts of the Scratch editor.
- + Scratch supports both bitmap and vector graphics. Help students navigate to the vector mode or bitmap mode button in the paint editor to design and manipulate different types of images and text.

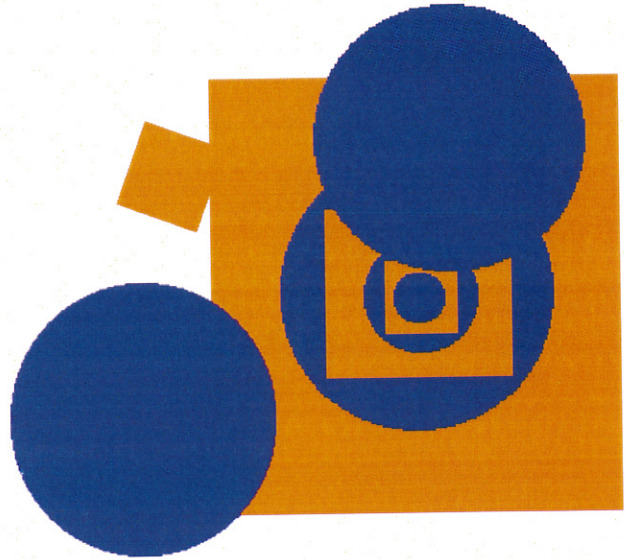
NOTES TO SELF

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

ORANGE SQUARE, PURPLE CIRCLE

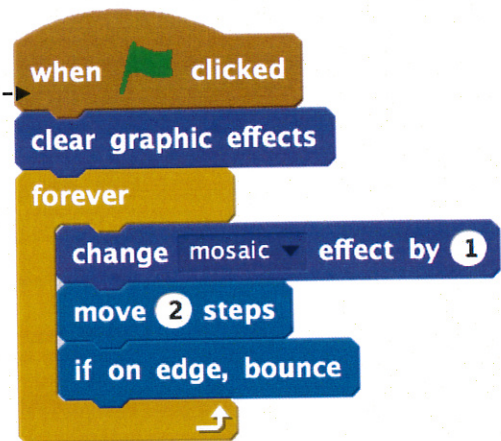
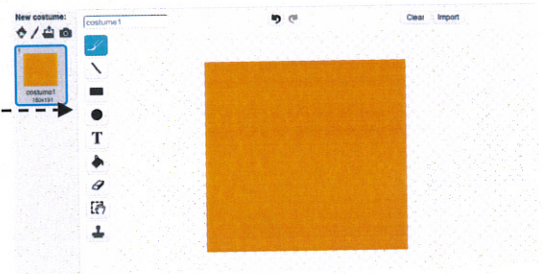
WHAT PROJECT CAN YOU CREATE THAT INCLUDES AN ORANGE SQUARE AND A PURPLE CIRCLE?

In this challenge, you'll create a project that includes an orange square and a purple circle. What will you create?



START HERE

- ☐ Draw your sprites using the Paint Editor.
- ☐ Add different Looks and Motion blocks to bring your sprites to life.
- ☐ Repeat!



**FEELING
STUCK?**

THAT'S OKAY! TRY THESE THINGS...

FINISHED?

- ☐ Try brainstorming with a neighbor!
- ☐ Create a list of things you would like to try before you start building your project in Scratch!
- ☐ Explore other projects to see what others are doing in Scratch – this can be a great way to find inspiration!

- + Add your project to the Orange Square, Purple Circle Studio: <http://scratch.mit.edu/studios/475527>
- + Explore the difference between bitmap mode and vector mode, located at the bottom of the paint editor.
- + Challenge yourself to do more! Add another shape and color.
- + Swap projects with a partner and remix each other's creations.
- + Help a neighbor!