# Scratch project options

**Q1 Project Options**

1. [Interactive collage - Who am I?](#)
   a. How can you make an interactive collage about yourself or someone you know?
   b. The link above is an example of my own interactive collage. Click on each image to see/hear something about me, then remix or create your own version.

2. [What can you create? v1](#)
   a. Using any combination and number of these blocks, what can you create?
   b. Create a spinoff of the project above using only the blocks inside the project.

3. [Create a project with a random sprite](#)
   a. If the link above doesn't work, use dice to determine how many of each body part this sprite will have
      i. Draw one body and a head in the middle of the screen
      ii. How many legs will the sprite have?
      iii. How many arms will the sprite have?
      iv. How many ears will the sprite have?
      v. How many eyes will the sprite have?
      vi. How many noses will the sprite have?
      vii. How many teeth will the sprite have?
      viii. What's your sprite name?
   b. Once your sprite is created, make a story, animation, or dance for your sprite
   c. What do you want your sprite to be able to do?

4. [Remix or create your own school appropriate project](#)
   a. Think about what kind of project you want to remix/create and what you hope to learn while working on it, then come talk with me before you get started

**Q2 Project Options**

1. Using sprites and sound blocks, create a musical instrument that you can play
   a. [Here is an example with a few different options](#)
      i. What other ways could you make music?

2. [What can you create? v2](#)
   a. Using any combination and number of these blocks, what can you create?
   b. Create a spinoff of the project above using only the blocks inside the project.

3. [Make a story using random sprites](#)
   a. If the link above doesn't work, use the following steps with story cubes:
      i. First step - write down in your project page what the cubes were so you don't forget
      ii. What kind of sprites will be in your story?
      iii. How will/won't the sprites interact with the user?
         1. How will/won't they interact with other sprites?
      iv. What kind of backdrops will/won't you use in your story?
      v. What blocks will help tell your story?
4. [Remix or create your own school appropriate project](#)

      a. Think about what kind of project you want to remix/create and what you hope to learn while working on it, then come talk with me before you get started

## Q3 Project Options
1. Amazing Mazes
   a. [Step one - Starter Maze](#)
      i. Remix this project and change the code of the ball sprite to navigate it through the maze.
      ii. Use only the three kinds of motion blocks in a sequence to get the ball to the X.
   b. [Step two - Loopy Maze](#)
      i. Remix this project and change the code of the cat sprite to navigate him through the maze.
      ii. Use only the three kinds of motion blocks and one repeat block to get him to the X.
   c. [Step three - Advanced Maze](#)
      i. Remix this project and change the code of the cat sprite to navigate him through the maze.
      ii. Use only the three kinds of motion blocks in a sequence to get him to the X.
   d. [Step four - More Amazing Mazes](#)
      i. Pick another project from this studio and remix it to make it do something new

2. [What can you create? v3](#)
   a. Using any combination and number of these blocks, what can you create?
   b. Create a spinoff of the project above using only the blocks inside the project.

3. [Pong starter project](#)
   a. How could you remix this game to do something different?
   b. [Use this studio to learn some tips and tricks for making games](#)

4. [Remix or create your own school appropriate project](#)
   a. Think about what kind of project you want to remix/create and what you hope to learn while working on it, then come talk with me before you get started

## Q4 Project Options
1. Pass it on project
   a. Step one - Introduction
      i. Create an introduction to a short story using any blocks you want, but include an open ending so others can continue the story
      ii. Share your short story, then call me over so we can [upload your story here](#)
   b. Step two - Middle
      i. Add to someone else's story by remixing it to create the middle part of a story
         1. [Find another person's story here](#)
   c. Step three - Ending
      i. Add to someone else's remix and create an ending to a story
         1. [Find another person's remix here](#)
   d. Last day
      i. Look at your original story and see what other people did with remixing it

2. [What can you create? v4](#)
   a. Using any combination and number of these blocks, what can you create?

b.  Create a spinoff of the project above using only the blocks inside the project

3.  Cloning project
    a.  [Step one - Bubbles](#)
        i.  Remix this project to create your own clone creating project
    b.  Step two
        i.  Create your own project that uses clones
            1.  Could you create a story, game, or animation using clones?

4.  [Remix or create your own school appropriate project](#)
    a.  Think about what kind of project you want to remix/create and what you hope to learn while working on it, then come talk with me before you get started

# Project questions to think about if you're not sure what to make

- Can you create a school appropriate project that . . .
    - . . . helps someone?
    - . . . is scary, funny, exciting, boring, musical, silly, relaxing, or colorful?
    - . . . solves a problem you see in the world?
    - . . . reminds you of a special event, story, or place?
    - . . . you can give as a gift to someone else?
    - . . . you can use for another class?

# Scratch Jr. project options

**Q1 Project Options - Use the [project idea generator](#) for each project**
1.  What kind of a dance can you make using blue blocks?
2.  What kind of dance can you make with loops?
3.  Create a dance with a random sprite
    a.  Roll the dice to determine how many of each body part this sprite will have
        i.  Draw one body and a head in the middle of the screen
        ii.  How many legs will the sprite have?
        iii.  How many arms will the sprite have?
        iv.  How many ears will the sprite have?
        v.  How many eyes will the sprite have?
        vi.  How many noses will the sprite have?
        vii.  How many teeth will the sprite have?
        viii.  What's your sprite name?

**Q2 Project Options - Use the [project idea generator](#) for each project**
1.  What kind of musical instrument can you create?
2.  How can you play a song by touching the iPad only one time?
3.  Make a story using story cubes
    a.  What kind of sprites will be in your story?
    b.  How will/won't the sprites interact with the user?
        i.  How will/won't they interact with other sprites?
    c.  What kind of backdrops will/won't you use in your story?

        d. What blocks will help tell your story

## Q3 Project Options - Use the [project idea generator](#) for each project

1. Draw a maze in the background and write an algorithm to help a sprite move through the maze
2. Create a conversation between two or more sprites
3. Create a story that uses multiple backdrops

## Q4 Project Options - Use the [project idea generator](#) for each project

1. Pass it on project
   a. Monday
      i. Write a short story using any blocks you want
   b. Tuesday
      i. Switch iPads with someone else and change/add to each other's story
   c. Thursday
      i. Add to your remixed story to make it even longer
   d. Friday
      i. Switch iPads again with someone else and remix each other's story
2. Create a project that explains what you like when someone presses on different sprites
3. Create a story that has multiple backdrops and one of the backdrops has a dance party