

1.1 Encounter a Spaceship

Intro

Mike, a student of Grade 5, is always looking forward to exploring the outer space. One day, he comes across a spaceship on his way back home. What does this spaceship look like? And what will happen to them?








Tasks

1. Get familiar with the interface of Scratch 2.0
2. Understand the features of each sprite and the backdrop
3. Learn to create a new sprite and backdrop.


Start Learning

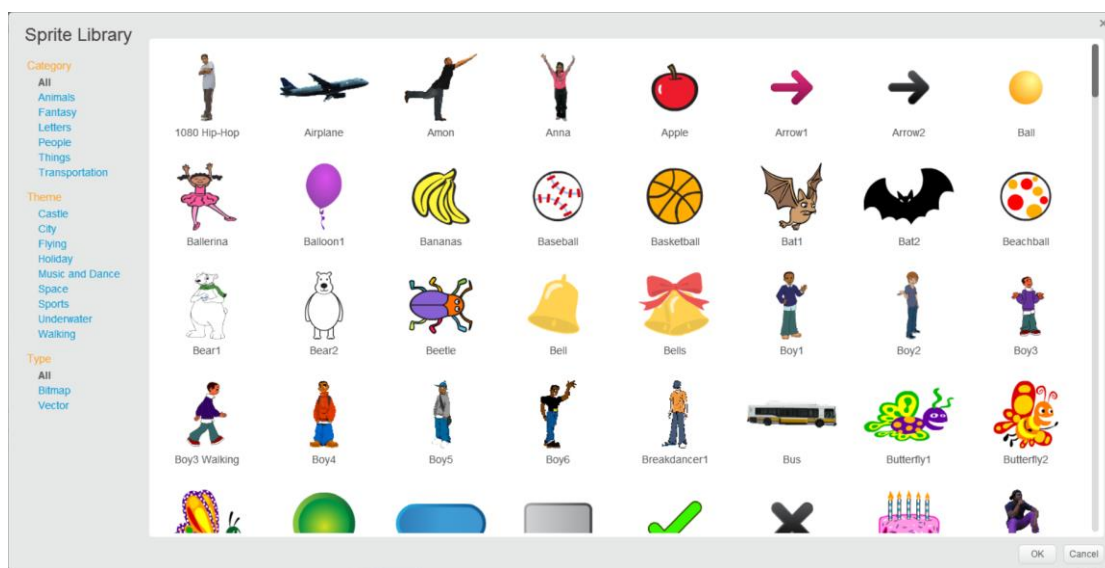
Sprite is the actor in one piece of work. Scratch provides multiple ways of creating sprites. Now, let's learn how to use Scratch!

1. Create Sprites

Tool	Explanation
	 Choose a sprite from the Sprite Library
	 Create a new sprite
	 Import (upload) a sprite from local file
	 Create a sprite via taking photo

2. Rich Sprite Library

Click  to choose a sprite from the Sprite Library. With the sprites being sorted into different types, you can choose the wanted sprite according to the actual story.



★ Practice:

Import sprites "Mike.png" and "Spaceship.png" from local files.








Spaceship.png



Mike.png

3. Adjust the Size

After importing the sprites into the stage, you can use the following icons to adjust the size of the sprite per needed.

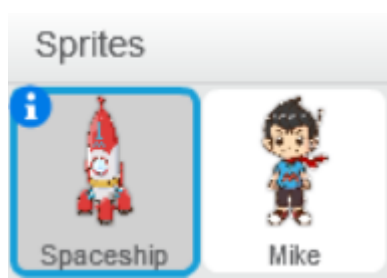
Tool	Explanation
	 Copy
	 Delete
	 Zoom In
	 Zoom Out

★ Practice:

Try to adjust size of the sprite you choose.

☆ Explore

Right click the sprites to explore the other functions.



4. Create Backdrop

Stage is the arena for sprites to move and act. You can add a backdrop on the stage to make your story more interesting and vivid. Meanwhile, adding backdrop will also expand the story to a further level. Now, let's try this out!

Tool	Explanation
<p>The image shows the 'Stage' backdrop tool interface. It includes a 'New backdrop:' section with icons for selecting from a library, creating a new backdrop, importing from local files, and taking a photo.</p>	<p>Four ways to create the backdrop:</p> <ul style="list-style-type: none"> • Choose from the Backdrop Library; • Create a new backdrop; • Import backdrop from local files; • Take a photo as the backdrop
<p>The image shows the 'Backdrops' panel in a software interface. It features a search bar with 'Encounter' entered, a 'Clear' button, and a list of backdrop thumbnails. One thumbnail is selected, showing a colorful city scene with a pink building and a path.</p>	<p>On the backdrop tag page, you can choose to add, delete and change backdrop.</p>

★ Practice:

Import the "Encounter.png" from the local file.



Encounter.png

What You've Learnt?

Adventure Diary (Self-Assessment)

Gas Station (Other's Assessment)

