SCRAMCH is a programming language that lets you create your own interactive stories, animations, games, music, and art.

This guide shows you how to make a project in SCRATCH.

To start a new project, go to SCRATCH and click Create.

If you have a SCRATCH account, log in so your project saves.

要新建一个项目，请进入SCRATCH网站，点击创建。

如果您已有Scratch网站的帐号，请先登录，这样您就可以保存项目。
Drag a **MOVE** block into the Scripts area.

拖动“移动”命令块到脚本区域。

Click on the block to make the cat move.

单击“移动”方块，小猫就会开始移动。
Drag out a **PLAY DRUM** and snap it onto the **MOVE** block.

拖动“弹奏鼓声”命令块，将它放到“移动”块的下面和它连接在一起。

Click and listen. 单击就可以听到鼓声。

*If you can’t hear it, check that the sound on your computer is on.*

如果听不到，请检查您计算机上的声音有没有打开。

You can choose different drums from the pull-down menu.

您可以从下拉菜单中选取不同的鼓声。

http://scratch.mit.edu
Add another **MOVE** block. Click inside the block and type in a minus sign.

再添加一个“移动”块。点击块内部的数字，在前面添加一个减号(“-”)号。

Click on any of the blocks to run the stack.

点击任意命令块，运行这一组指令。

Add another **PLAY DRUM** block, then choose a drum from the menu. Click to run.

再添加一个“演奏鼓声”命令块，从下拉菜单中选择一个不同的鼓声。点击运行。
Drag out a **REPEAT** block and drop it on top of the stack. You want the mouth of the **REPEAT** to wrap around the other blocks.

To drag a stack, pick it up from the top block.

您可以改变重复执行的次数。

您可以单击这组命令中的任意一块来运行整组命令。
Click the **LOOKS** category and drag out a **SAY** block.

点击“外观”命令分组，拖出一个“说...”的命令块。

Click inside the **SAY** block and type to change the words. Click to try it.

点击“说...”命令块的内部，输入想要说的话。再点击运行试试。

Then snap the **SAY** block on the top.

将“说...”命令块拖到命令组的上方

跟它连接在一起。
Drag out a `when I clicked` block and snap it on top.

Whenever you click the green flag, your script will start.
To stop, click the stop button.

无论何时点击绿旗，脚本都会开始执行。
要停止执行，点击“停止”按钮。
Now try something different... 现在我们试试不同的东西...

Drag out a CHANGE EFFECT block. 拖出一个“将颜色特效增加...”命令块。

Click to see what it does. 点击命令块看看其执行的效果。
Snap on a **when space key pressed**

拖出一个“当按下[空格键]”命令到改变颜色特效命令的上方，将它们连在一起。

Now press the space bar on your keyboard.

现在按下键盘上的空格键。

You can choose a different key from the pull-down menu.

你可以从下拉菜单中选择不同的按键。
You can add a backdrop to the Stage.
您可以为舞台添加背景。

Click to choose a new backdrop.
点击选择新的背景。

Choose a backdrop from the library (such as "Spotlight-Stage").
在背景库中选择一个背景，例如 "Spotlight–Stage".

Click OK.
点击“确定”。

The new backdrop now appears on the Stage.
新的背景现在出现在舞台上。
Each object in Scratch is called a sprite.

添加角色

To add a new sprite, click one of these buttons.

NEW SPRITE BUTTONS: 新角色按钮:

- Choose from the library
- Paint your own sprite
- Upload your own image or sprite
- Take a picture (from a webcam)

添加这个角色，点击 下载
然后再点击 “人类”，再选择 “Cassy Dancing”。

To add this sprite, click 👇 then click People and select “Cassy Dancing.”

You can drag the characters to where you want them.

您可以将角色拖到舞台上任意地方。
Now you can tell the sprite what to do. Try the following, or explore on your own.

添加声音

Click the SOUNDS tab.
You can Choose a sound
Record your own sound
Or Import a sound file.
(MP3, AIF, or WAV format)

Then, click the SCRIPTS tab, and drag in a PLAY SOUND block.
Choose your sound from the pull-down menu.

点击“脚本”标签，拖出一个“播放声音”命令块，再从下拉菜单中选择声音。

CHANGE COSTUMES 改变造型

Each sprite can have more than one costume. 每个角色都可以有多个造型。

To change the current costume, click the COSTUMES tab.
Then click on a different costume for the sprite.

要改变当前造型，先点击“造型”标签，就可以为角色选择一个不同的造型。

ANIMATE

You can animate a sprite by switching between costumes.

Click the SCRIPTS tab.
Create a script that switches between costumes.

动画

可以通过让角色在不同造型间切换产生动画效果。

点击“造型”标签。
创建一段脚本，切换不同造型。
Type a title for your project.

想了解Scratch的更多用法，点击“贴士”。
For more ideas, click Tips:

The Tips Window shows example scripts you can use in your project.
“贴士窗口”显示示例脚本，可以直接在您的项目中使用。

It also explains what each of the blocks in Scratch does.
它也解释了Scratch中每个功能块的作用。
To save your project online, make sure to log in.

(If you want to save the file to your computer drive, click the File menu and choose "Export to local drive.")

要在线保存您的项目，必须先登录到SCRATCH网站。（如果想保存到您的计算机上，先点击“文件”菜单，再选择“输出到本地文件”）

When you are ready, click

当所有工作完成后，点击转到项目主页。

Project Page  项目首页

Click [ ] for full screen viewing.

点击[ ]转换到全屏幕视图。

When you share, others can visit and interact with your project.

当您将项目分享后，其它人就可以访问您的项目并且可以与您交流。

Now what? You can Create a new project or Explore for ideas.

怎么样？现在你可以创建新的项目或者探索网站来激发您的灵感了。

To find out more, click Help or go to http://scratch.mit.edu/help

如果想了解更多的信息，请点击“帮助”或访问网址 http://scratch.mit.edu/help

http://scratch.mit.edu
Scratch is a programming language that makes it easy to create your own interactive stories, games, and animations – and share your creations with others on the web.

Scratch is developed by the Lifelong Kindergarten research group at the MIT Media Lab (http://llk.media.mit.edu). Our group develops new technologies that, in the spirit of the blocks and finger painting of kindergarten, expand the range of what people can design, create, and learn.

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