

# Project 137

137



**DP**  
EDUCATION

**Coding  
School**



❖ Get the image related to the backdrop from the driver link below.

[https://drive.google.com/file/d/1mC3q-3srixfq6DspadoASGxjKLpN\\_qYu/view?usp=sharing](https://drive.google.com/file/d/1mC3q-3srixfq6DspadoASGxjKLpN_qYu/view?usp=sharing)

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Then you can get an image like below.



❖ Click on Choose a sprite and add the Frog2 sprite under animals

Then click on costumes and erase the image frame of the fly in frog2\_a and frog2\_b.

Then remove the frog2\_c image.



❖ Then change the X,Y position and size of the Frog2 sprite as follows.



❖ Click on Choose a sprite and add the Dragonfly sprite under animals



- ❖ Change the X, Y position, Direction and size of the Dragonfly sprite as follows

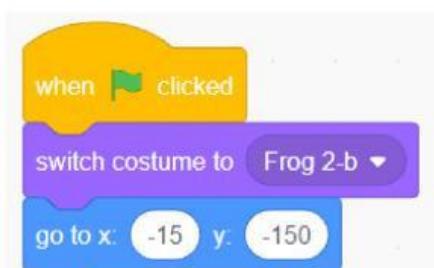


- ❖ After the design is done, it should appear as follows.



- ❖ Prepare the code for the Frog 2 sprite as follows.

When you click on the green flag, it should become the Frog2\_b sprite and its X position should be -15 and Y position should be -150. For that, prepare the code as follows.



- When the dragonfly sprite is touched, the frog2-b costume will become the frog2-a costume, and prepare the code as follows.

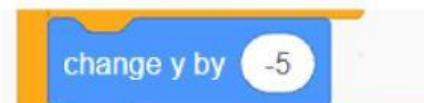


- ◆ Prepare the code for the Dragonfly sprite as follows.

- When clicking on the green flag, make the following code so that the Dragonfly\_a and Dragonfly\_b sprites switch together in 0.1 seconds.



- To continuously change the y position of the Dragonfly sprite by -5, prepare the code as follows

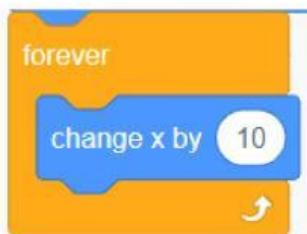
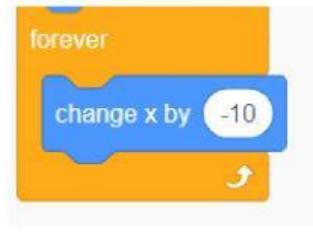
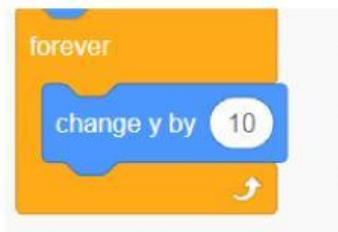


- If the Y position of the Dragonfly sprite is less than 120, set the X position of the Dragonfly sprite to 0 and the Y position to 180.



### **Choose the correct answer for the following questions.**

1. How should the code be prepared for the frog to move in the east direction?



2. How to set the code to hear a sound when the dragonfly touches the frog?



3. Which position should be changed when preparing the code for a bird traveling in the north direction?

Y position only.

X position only.

X and Y position only