Project 11

DP EDUCATION

Coding School

11

How It Works

Start Here

Built on Code Studio ▲

❖ Add a color for the background using set background color.

set background color
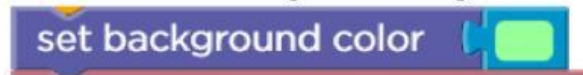
❖ Add an image of a phone using Make new sprite and set its size to 400.

make new ▢ ▼ sprite at (200, 200) 📍

set ▢ ▼ size ▼ to 400

❖ Add the sprites of letters A, B, C, D, E, F, G by Make new sprite as follows.

make new **Aa** ▼ sprite at (126, 336) 📍

make new **Bb** ▼ sprite at (262, 331) 📍

make new **Cc** ▼ sprite at (126, 245) 📍

make new **Dd** ▼ sprite at (256, 237) 📍

make new **Ee** ▼ sprite at (123, 162) 📍

make new **Ff** ▼ sprite at (261, 152) 📍

make new **Gg** ▼ sprite at (125, 80) 📍

make new **Hh** ▼ sprite at (258, 67) 📍
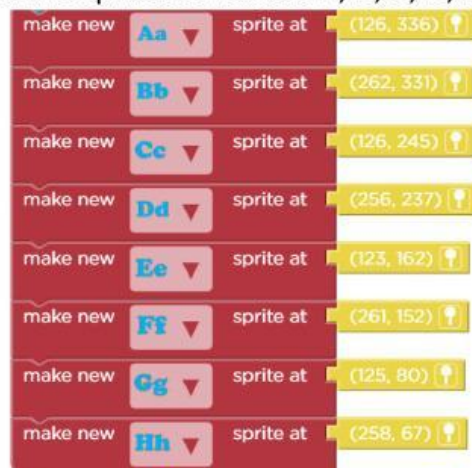
❖ When you click on the sprite of A, apply the following blocks to change the letter A to an image of an apple.

when ▼ **Aa** ▼ clicked

change **Aa** ▼ costume to 🍎 ▼

❖ When you click on the sprite of B, apply the following blocks to change the character B into an image of a ball.

when ▼ **Bb** ▼ clicked

change **Bb** ▼ costume to 🏐 ▼

❖ When you click on the sprite of C, apply the following blocks to change the letter C to the sprite of car.

when ▼ Cc ▼ clicked

change Cc ▼ costume to 🚗 ▼

❖ When you click on the sprite of D, apply the following blocks to change the character D into an image of a doll.

when ▼ Dd ▼ clicked

change Dd ▼ costume to 👧 ▼

❖ Apply the following blocks to change the letter E to an image of an elephant when you click on the sprite of E.

when ▼ Ee ▼ clicked

change Ee ▼ costume to 🐘 ▼

❖ When you click on the sprite of F, use the following blocks to change the letter F to an image of a fish.

when ▼ Ff ▼ clicked

change Ff ▼ costume to 🐠 ▼

❖ When you click on the sprite of G, apply the following blocks to change the letter G into an image of a bunch of grapes.

when ▼ Gg ▼ clicked

change Gg ▼ costume to 🍇 ▼

❖ When clicking on the sprite of H, apply the following blocks to change the letter H into an image of a horse.
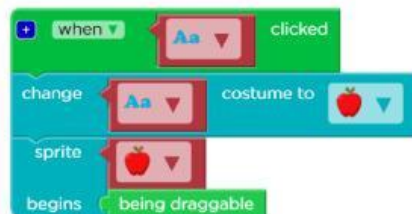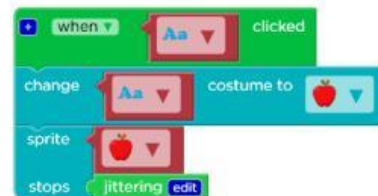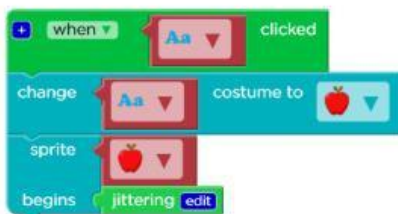

Select the correct answer

1. When clicking on the sprite of H, what blocks should be used to make a sound in addition to the letter H changing into the image of a horse?

2. When you click on the sprite of A, apart from the letter A changing into the image of an apple, what blocks should be used to make the apple startle?
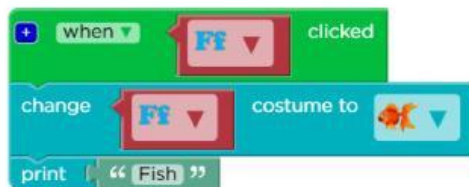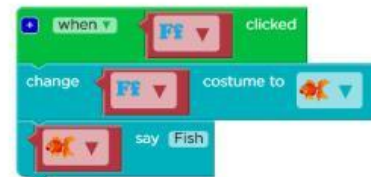
3. When you click on the sprite of G, the size of the bunch of grapes should be 30 in addition to the letter G changing into an image of a bunch of grapes. What blocks should be used for that?

when ▼ **Gg** ▼ clicked
change **Gg** ▼ costume to 🍇 ▼
change 🍇 ▼ size ▼ by 30

when ▼ **Gg** ▼ clicked
change **Cg** ▼ costume to 🍇 ▼
change 🍇 ▼ size ▼ by -30

when ▼ **Gg** ▼ clicked
change **Gg** ▼ costume to 🍇 ▼
set 🍇 ▼ size ▼ to 30

4. When you click on the sprite of F, in addition to changing the letter F into an image of a fish, what are the blocks related to the fish saying Fish on the screen for four seconds??

when ▼ **Ff** ▼ clicked
change **Ff** ▼ costume to 🐟 ▼
🐟 ▼ say " Fish " for 4 seconds

when ▼ **Ff** ▼ clicked
change **Ff** ▼ costume to 🐟 ▼
🐟 ▼ say Fish

when ▼ **Ff** ▼ clicked
change **Ff** ▼ costume to 🐟 ▼
print " Fish "

5. What are the blocks related to adjusting the size of the phone to 400?

change ☐ ▼ size ▼ by 400

change ☐ ▼ size ▼ by -400

set ☐ ▼ size ▼ to 400