Dance Party Coding

- 1. **Open** the internet browser called **Open** Google Chrome:
 - Click on the Search Button \nearrow
 - In the Search box type: Google Chrome
 - Click on Google Chrome application
- 2. Go to the **website** called Code.org Join:
 - Click on the Address Bar
 - In the Address Bar type: https://studio.code.org/join
 - Press the Enter key once



- 3. Join the Dance Party Hour of Code activity:
 - Enter the **section code** e.g. **ABCDEF** and click on Join
 - Click on your name
 - Type in your **secret words** and click on **Sign in**
 - From the Progress section, click on Level 1

Make sure to start from Easy, then do Medium and then Hard.

- 4. Level 1:
 - Easy: in the put make a new cat at center to create 1 dancer in a position on the dance stage
 - Medium: in the put make a new cat at center to create 2 dancers in 2 different positions on the dance stage
 - Hard: in the put make a new cat at center to create 3 dancers in 3 different positions on the dance stage

5. Level 2:

- Easy: add cate of compared to when up pressed to make the cat dancers do a dance move when pressing the up-arrow key on the keyboard
- Medium: add when down pressed and cats do Claps once to make the dancer do 2 different dance moves when pressing 2 different keys on the keyboard
- Hard: add when down pressed and cats do Clap once to make the dancers do 3 different dance moves when pressing 3 different keys on the keyboard

6. Level 3:

- Easy: use when up pressed and cats do cap conce to make the dancer do a dance move when pressing a key on the keyboard
- Medium: in the put make a new cat at center to add a 3rd dancer in a position on the dance stage; and add cats do claps once and when up pressed to make the 3rd dancer do a different dance move when pressing a different key on the keyboard

7. Level 4:

• Easy: add sharks do This or That forever to after 4 measures to make the dancers do a dance move that loops forever after 4 measures

8. Level 5:

- Easy: add after 6 measures and sharks do This or That forever to make the dancer do a dance move that loops forever after 6 measures
- Medium: in the put ropical put Sparkles to set up a Background effect to the dance stage;

```
and add Sharks do This or That forever and after 6 measures to make the dancer do a dance move that loops forever after 8 measures
```

• Hard: add sharks do This or That forever to after 6 measures to make the dancer do a dance move that loops forever after 10 measures

9. Level 6:

• Easy: in the put put new sloths to add a number of backup dancers in a layout on the dance stage and add make a new cat at center to create 1 dancer in a position on the dance stage;

and add sharks do This or That forever and after 4 measures to make the backup dancers do a dance move that loops forever;

and add when up pressed and cats do cap conce to make the main dancer do a dance move when pressing a key on the keyboard

• Medium: add sharks do This or That forever and after 6 measures to make the backup dancers do another dance move that loops forever after a number of measures;

and add when uppersed and cate do cape to make the main dancer do another dance move (2 in total) when pressing 2 different keys on the keyboard

• Hard: add sharks do This or That forever and after 6 measures to make the backup dancers do another dance move that loops forever after a number of measures;

and add when ups pressed and cats do Claps to make the main dancer do another dance move (3 in total) when pressing 3 different keys on the keyboard

10. Level 7:

- Easy: in the put set pineapples size to 50 to set the size of the backup dancers to 50% and put set ducks size to 100 to set the size of the main dancer to 100%;
- Medium: after 4 measures use set pineapples size to 50 to set the width of the backup dancers to 50%
- Hard: after 4 measures use set ducks size to 100 to set the width of the main dancer to 150%

11. Level 8:

- Easy: in the put set unicorns tint to and choose ANY colour and use set ducks size to 100 to set the size of the main dancer (unicorn) to 100%;
- Medium: in the use set unicoms tint to set the tint of the backup dancers (Bears) to ANY colour

• Hard: after 4 measures use set unicorns tint to to set the tint of the backup dancers (Bears) to ANY colour and use another set unicorns tint to to set the tint of the main dancer (Unicorn) to ANY colour

12. Level 9:

- Easy: in the use randomize all size to set a random SIZE to the backup dancers (robots); in use randomize all size to set a random SIZE to the backup dancers (robots) after every 2 measures
- Medium: in the use randomize all sizes to set a random

 TINT to the backup dancers (robots);
 in repeat every 2 measures use randomize all sizes to set a random

 TINT to the backup dancers (robots) after every 2 measures during the song

 Hard: in repeat every 2 measures use change all sizes by 10 to set a change (increase) the SIZE of the main dancer (unicorn) by 10 after every 2 measures

5