



Year 2: Dance Buzz Task



Name: _____

Due: _____

Task: Your task individually is to create a creative and funky dance for the BeeBots to dance. Using your new knowledge of how to program the BeeBots you will program and then record using a video device your BeeBots dancing. Once all dances have been completed and videoed, as a class you will survey all students on what their favourite dance was. This will be recorded and then individually you will create an interactive graph using the BeeBots to show your results on a graph.

Checklist

- Fill out Activity 1: Identifying (4) different digital systems that can be programmed
- Fill out Activity 2: Plan a sequence of steps to make BeeBots dance
- Program BeeBots using Activity 2's plan to dance (make sure that you program all of the steps into the BeeBots before pressing "Go" so the BeeBots complete the whole dance in one motion)
- Select a digital recording device: iPad or digital camera to record BeeBots dance
- Fill Out Activity 3: Survey the class on which dance was their favourite
- Using Activity 3 create an interactive graph showing the results of the survey

Important Dates (Note: Only the Activity Sheets and overall task have due dates. Other parts of the task will be completed to teachers planning)

- Activity 1 and Activity 2 Due: _____
- Activity 3 Completed: _____



Activity 1: Identify Different Digital Systems



In the boxes below: Draw and name (4) digital systems that can be programmed.

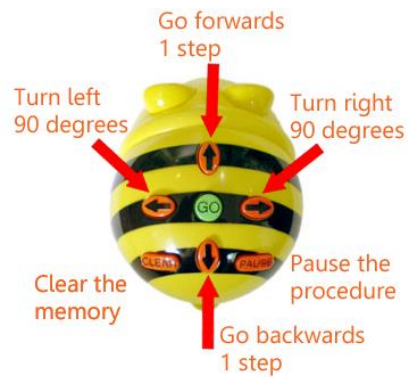


HINT: We have listed a number of these devices in class.

<p>Digital System 1: _____</p>	<p>Digital System 2: _____</p>
<p>Digital System 3: _____</p>	<p>Digital System 4: _____</p>

Activity 2: BeeBots Dance Sequence

Using the programming buttons. Plan a sequence that you can use to program the BeeBots to dance. You need to have up to 10 steps in your sequence.



Example: Forward 3 steps, Turn right, Backwards 5 steps, Turn left, forward 2

Or 

Remember to use this sequence when programming your BeeBots to dance

Activity 3: Graph our favourite dance

Using the tally table below: Decide as a class (5) dances that are the classes favourite dances. Survey the class and take tally of the number of students that liked each dance. Students can only vote on one dance.



Dance Name	Tally

Using the Tally Table create an interactive graph using the BeeBots to show the results of the survey. Video record the interactive graph.



Unit: Dance Buzz Rubric

Year 2 Technologies

Term 1, 2016

Name: _____

Date Marked: _____

Assessable Criteria	A	B	C	D	E
	Excellent	Good	Satisfactory	Developing	Limited
Identifies digital systems that can be programmed	Identifies (4) digital technologies that can be programmed	Identifies (3) digital technologies that can be programmed	Identifies (2) digital technologies that can be programmed	Identifies (1) digital technology that can be programmed	With assistance identifies a digital technology that can be programmed
Create and generate a sequence of steps to make BeeBots dance	Create and generate a sequence of steps to make BeeBots dance all of the time	Create and generate a sequence of steps to make BeeBots dance with one or two errors	Create and generate a sequence of steps to make BeeBots dance most of the time	Create and generate steps to make BeeBots dance some of the time	With assistance can create and generate a sequence of steps to make BeeBots dance
Record BeeBots dance using a digital recording device	Records and plays back the BeeBots dance using a digital device	Records all of the BeeBots dance using a digital device	Records most of the BeeBots dance using a digital device	Records some of the BeeBots dance using a digital device	With assistance can record BeeBots dance
Create an interactive graph using BeeBots	Creates an entertaining graph using BeeBots to show most liked BeeBots dance	Creates an Adequate graph using BeeBots to show most liked BeeBots dance	Creates reasonably interactive graph using BeeBots to show most liked BeeBots dance	Creates a graph showing the most liked BeeBots dance	With assistance can create a graph to show most liked BeeBots dance

Comment: _____

_____ Mark: _____