Lesson 38 – Activity Sheet

Setting the Scene

***In the final lesson, (number 39) you will present your micro:PET and demonstrate the features, functions and interactions***.

Now that you have started making the physical model it is time to start combing the micro:bit, the hardware and the model and then test that all the features work as intended.

This involves testing that both the program code and the hardware work as intended. You will also need to make sure that you have met the requirements of the Success Criteria which are listed below.

## Success Criteria

* The micro:PET must respond to its environment and surroundings
* The micro:PET must respond to user interaction
* Use some of the micro:bit hardware that has been covered in previous lessons (Halo, Sound, Servo etc)
* Use the micro:bit to control the features and responses
* Look engaging and fun

Getting Stared

**Testing the micro:PET – User Feedback**

Now that the micro:PET had been tested methodically it is time to gather user feedback. This can be done in number of ways:

1. Demonstrate the micro:PET to another student and ask them to comment on good elements and area that need improvement
2. Hand over the micro:PET to another student to play with it and then ask them for their feedback
3. Observe the student using the micro:PET and areas that need refinement or changing

Record the result in the table below, you can action some of them but don’t feel that you have to before the end of the project.

|  |  |
| --- | --- |
| **What works well?** |  |
| **What is not working?** |  |
| **What could be improved?** |  |
| **Any other comments?** |  |