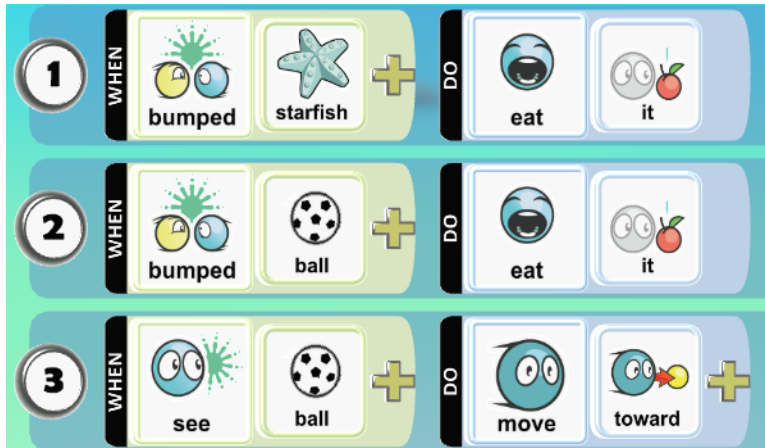# Module 1: Practice Sheet 5
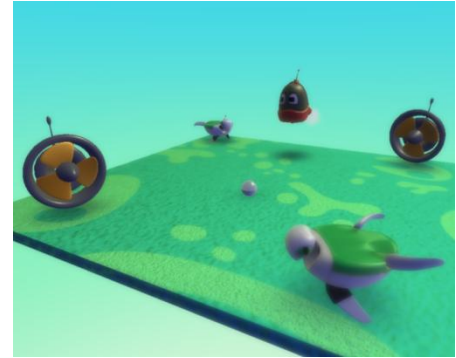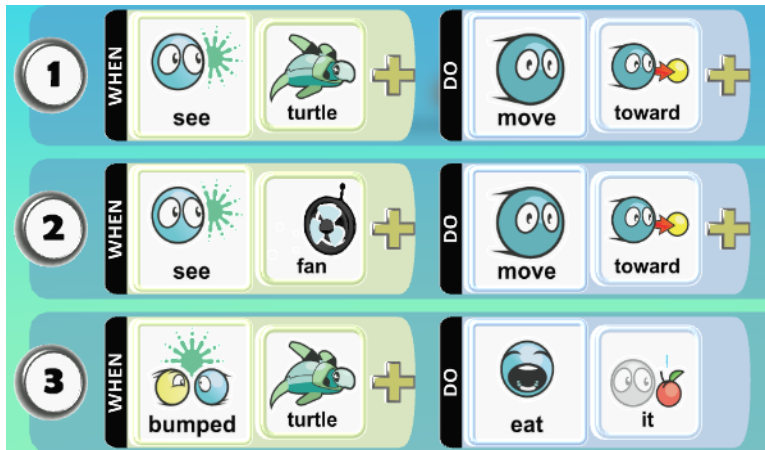
Version of May 29, 2017

Here is a Pursue and Consume program:



1. Write a "P" next to each Pursue rule and a "C" next to each Consume rule.

2. Draw an arrow from each Pursue rule to its matching Consume rule.

3. Write a "U" next to any unpaired Pursue or Consume rule.

4. With these rules, what will the kodu eat first?
    a. A starfish
    b. A ball
    c. Whatever thing is closest
    d. It will get stuck and won't eat anything

5. When will the kodu eat its first starfish?
    a. A starfish is the first thing it will eat
    b. It will eat a starfish after it eats its first ball
    c. It will eat a starfish once all the balls are gone
    d. It will never eat a starfish

6. When will the kodu stop moving?
    a. It will stop when all the starfish have been eaten and only balls are left
    b. It will stop when all the balls have been eaten and only starfish are left
    c. It will stop when all the starfish and balls have been eaten and nothing is left
    d. It will never stop moving

Here is another Pursue and Consume program:



7. Write a "P" next to each Pursue rule and a "C" next to each Consume rule.

8. Draw an arrow from each Pursue rule to its matching Consume rule.

9. Write a "U" next to any unpaired Pursue or Consume rule.

10. With these rules, what will the kodu eat first?
    a. A turtle
    b. A fan
    c. Whatever thing is closest
    d. It will get stuck and won't eat anything

11. When will the kodu eat its first <u>turtle</u>?
    e. A turtle is the first thing it will eat
    f. It will eat a turtle after it eats its first fan
    g. It will eat a turtle once all the fans are gone
    h. It will never eat a turtle

12. When will the kodu eat its first <u>fan</u>?
    a. A fan is the first thing it will eat
    b. It will eat a fan after it eats its first turtle
    c. It will eat a fan once all the turtles are gone
    d. It will never eat a fan

13. When will the kodu stop moving?
    a. It will stop when it gets stuck at the first turtle
    b. It will stop when it gets stuck at the first fan
    c. It will stop when all the turtles and fans are gone
    d. It will never stop moving