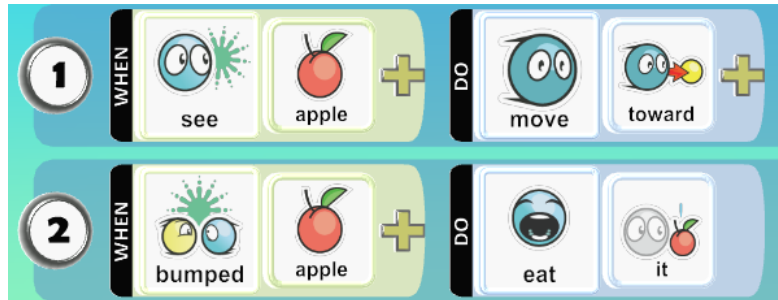


Student Questionnaire: Module 1

Version of March 18, 2016

Let's review how the Kodu eats the apples.

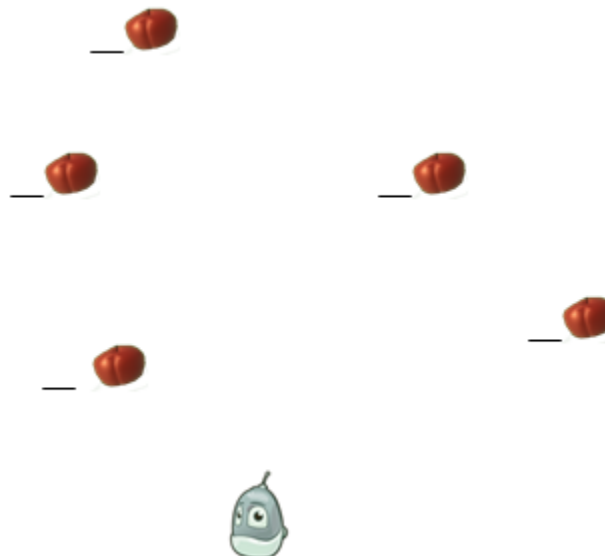
Here are the rules for eating apples:



Remember: the kodu will always go to the apple that is (circle your answer):












- (a) the biggest (b) the closest
(c) in front of it (d) the prettiest

Here is a map showing the kodu and five apples. Based on your understanding of how the kodu moves, **draw the path the kodu will take** to eat all the apples. Start by drawing a line from the kodu to the first apple, then extend the line to the next apple, and so on. Finally, **write the numbers 1 through 5** next to the apples to show the order in which they are eaten.



Finding stars

Which one of these rules tells the kodu to go to the nearest star? Put an “X” next to that rule.

_____	WHEN			+	DO			+
		see	star			eat	it	
_____	WHEN			+	DO			+
		bumped	star			move	toward	
_____	WHEN			+	DO			+
		see	star			move	toward	

Is this a pursue rule, a consume rule, or neither? _____

Eating the stars

Which one of these rules tells the kodu to eat the star when it reaches it? Put an “X” next to that rule.

_____	WHEN			+	DO			+
		see	star			eat	it	
_____	WHEN			+	DO			+
		bumped	star			eat	it	
_____	WHEN			+	DO			+
		bumped	star			move	toward	

Is this a pursue rule, a consume rule, or neither? _____

Eating Candy Hearts

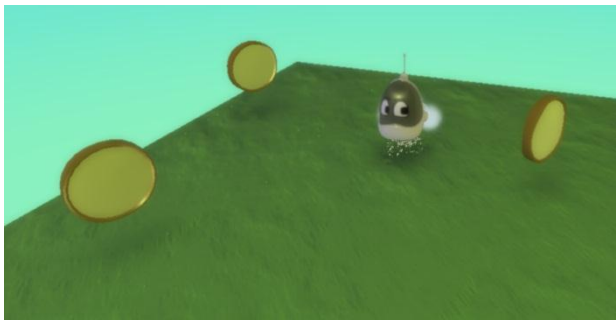
Suppose we want the Kodu to visit and eat all the candy hearts. Choose words from the list below to fill in the blanks to make the two rules we need to visit and eat the hearts:

see bumped
apple heart star
eat move
toward it

[1] WHEN _____ DO _____

[2] WHEN _____ DO _____

Rule Order



What will the kodu do in this world, given the rules below? Circle your answer:

- a. Sit around waiting for a coin to bump into it.
- b. Eat one coin and then stop.
- c. Eat all the coins; it doesn't matter that the consume rule comes first.
- d. Go to the first coin and get stuck there.



Eating Apples and Stars



Answer these questions using the apple/star world shown above.

1	WHEN	see	apple	+	DO	move	toward	+
2	WHEN	see	star	+	DO	move	toward	+
3	WHEN	bumped	anything	+	DO	eat	it	

With these three rules, what will the kodu eat first? Circle your answer.

- Stars
- Apples
- Whichever thing is closest, no matter what kind.
- It will choose randomly.

When will the kodu eat its first star?

- When there are no apples left.
- Right after it eats its first apple.
- It will never eat a star; it will keep looking for apples forever.
- It will only eat a star if it bumps into one by accident.

Answer the next two questions using the same apple/star world, but with these different rules:

1	WHEN	see	star	+	DO	move	toward	+
2	WHEN	bumped	apple	+	DO	eat	it	
3	WHEN	bumped	star	+	DO	eat	it	

With these three rules, what will the kodu eat first?

- Stars
- Apples
- Whichever thing is closest.
- A pizza

When will the kodu eat an apple?

- When there are no stars left.
- After it has eaten one star.
- Never, unless it bumps into an apple by accident.
- Before it eats its first star.