

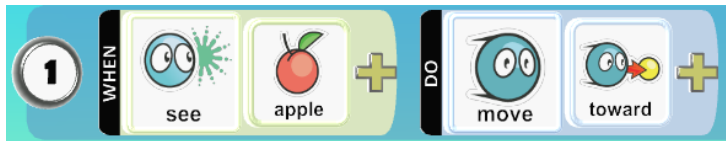
## Module 1: Worksheet 3

Version of June 6, 2016

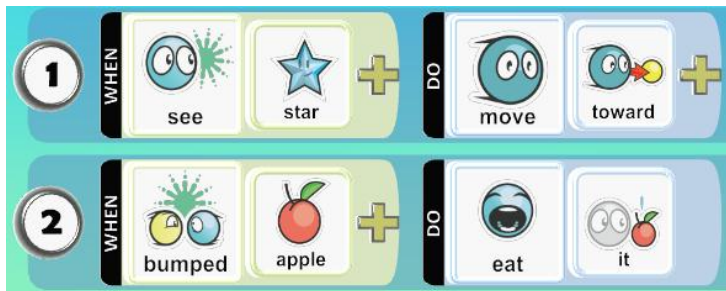
### A World with Apples and Stars



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















1. If this is the only rule, what will the kodu eat? Circle your answer.
  - a. Stars
  - b. Apples
  - c. It won't eat anything.
  - d. It will choose randomly.
  
2. When will the kodu pursue a star?
  - a. When there are no apples left.
  - b. Right after it eats its first apple.
  - c. Never.
  - d. After it bumps an apple.



3. With these rules, when will the kodu eat an apple?
  - a. When there are no stars left.
  - b. Never.
  - c. After it bumps a star.
  - d. After it eats a star.















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

<b>1</b>	<b>WHEN</b>	 see	 apple	+	<b>DO</b>	 move	 toward	+
<b>2</b>	<b>WHEN</b>	 see	 star	+	<b>DO</b>	 move	 toward	+
<b>3</b>	<b>WHEN</b>	 bumped	 anything	+	<b>DO</b>	 eat	 it	

4. With these three rules, what will the kodu eat first? Circle your answer.
  - a. Stars
  - b. Apples
  - c. Whichever thing is closest, no matter what kind.
  - d. It will choose randomly.
5. When will the kodu eat its first star?
  - a. When there are no apples left.
  - b. Right after it eats its first apple.
  - c. It will never eat a star; it will keep looking for apples forever.
  - d. 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:

<b>1</b>	<b>WHEN</b>	 see	 star	+	<b>DO</b>	 move	 toward	+
<b>2</b>	<b>WHEN</b>	 bumped	 apple	+	<b>DO</b>	 eat	 it	
<b>3</b>	<b>WHEN</b>	 bumped	 star	+	<b>DO</b>	 eat	 it	

6. With these three rules, what will the kodu eat first?
  - a. Stars
  - b. Apples
  - c. Whichever thing is closest.
  - d. A pizza
7. When will the kodu eat an apple?
  - a. When there are no stars left.
  - b. After it has eaten one star.
  - c. Never, unless it bumps into an apple by accident.
  - d. Before it eats its first star.