

Kodu Module 2 Slides

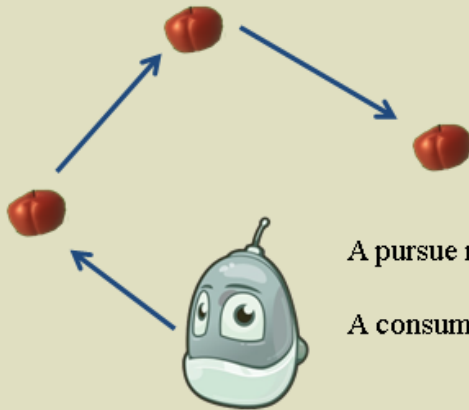
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Pursue and Consume Idiom

Pursue and Consume

Make the Kodu go to objects and eat them.



A pursue rule involves *motion*.

A consume rule *uses up* the object.

Pursue and Consume



General Form:

WHEN see *thing* DO move toward

WHEN bump *thing* DO *consume* it

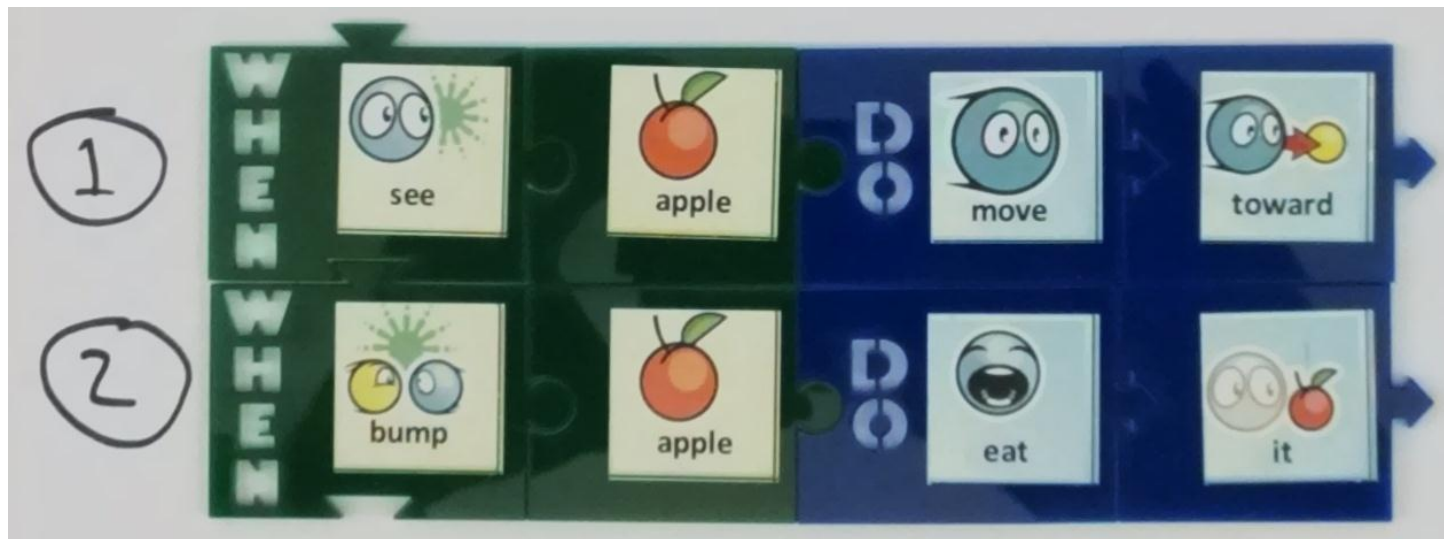
“Consume” can be “eat”, “grab”, “vanish”, or something else.

Filter by color:

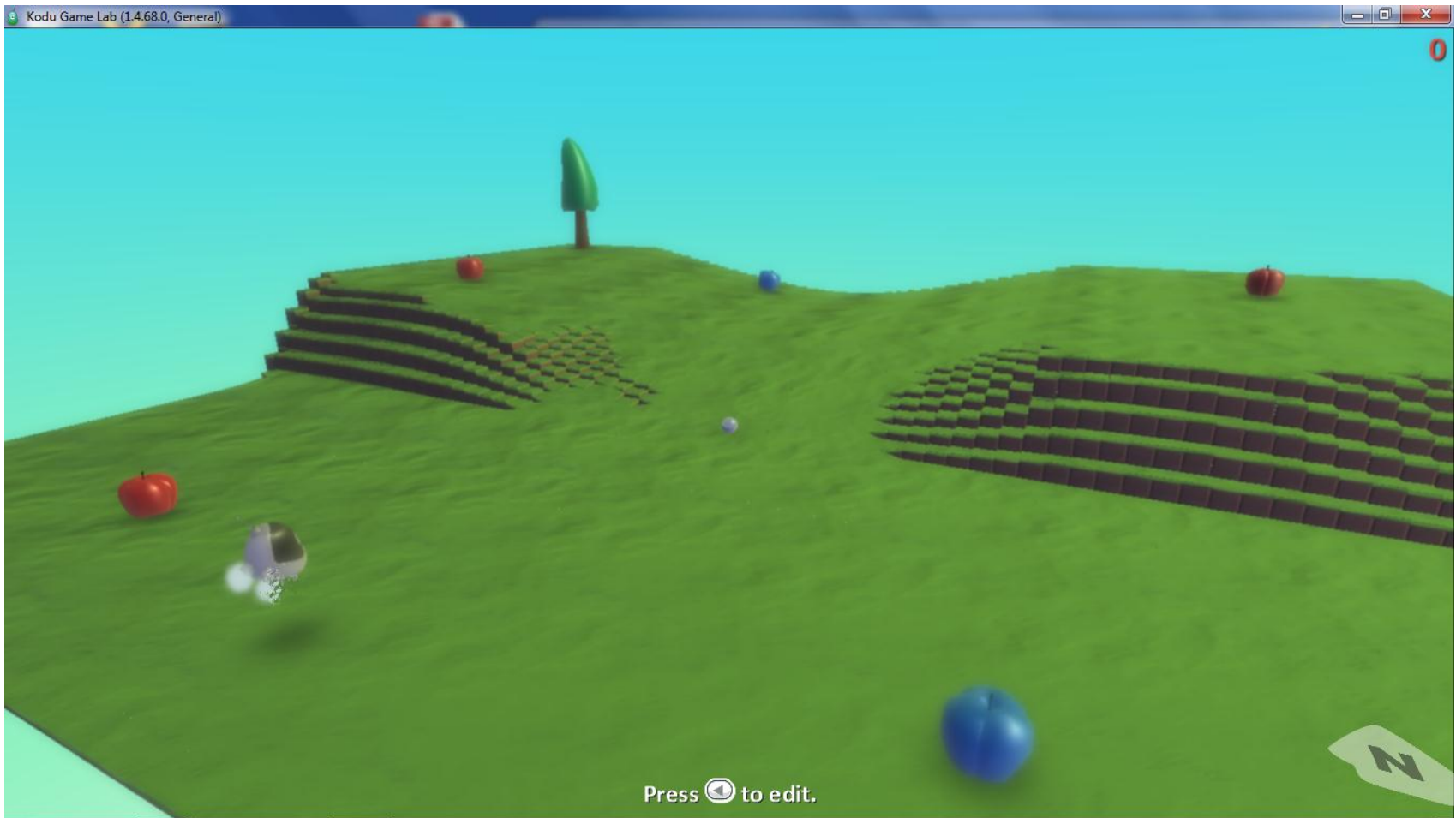
WHEN see *color thing* DO move toward

WHEN bump *color thing* DO *consume* it

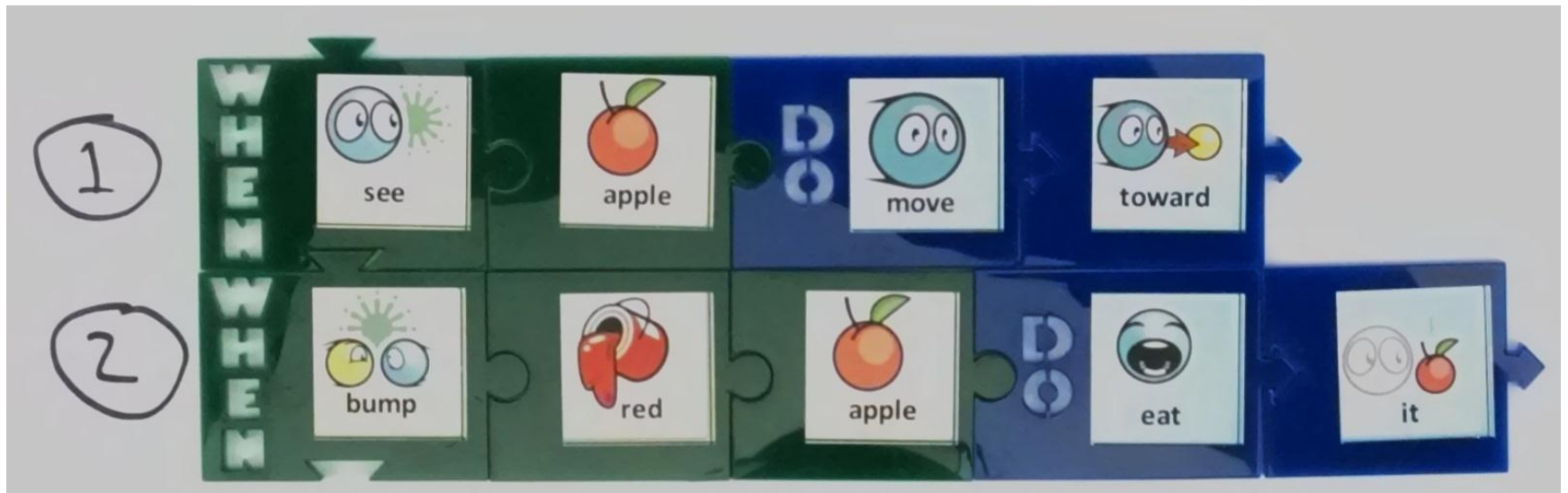
Tiles for Eating Apples



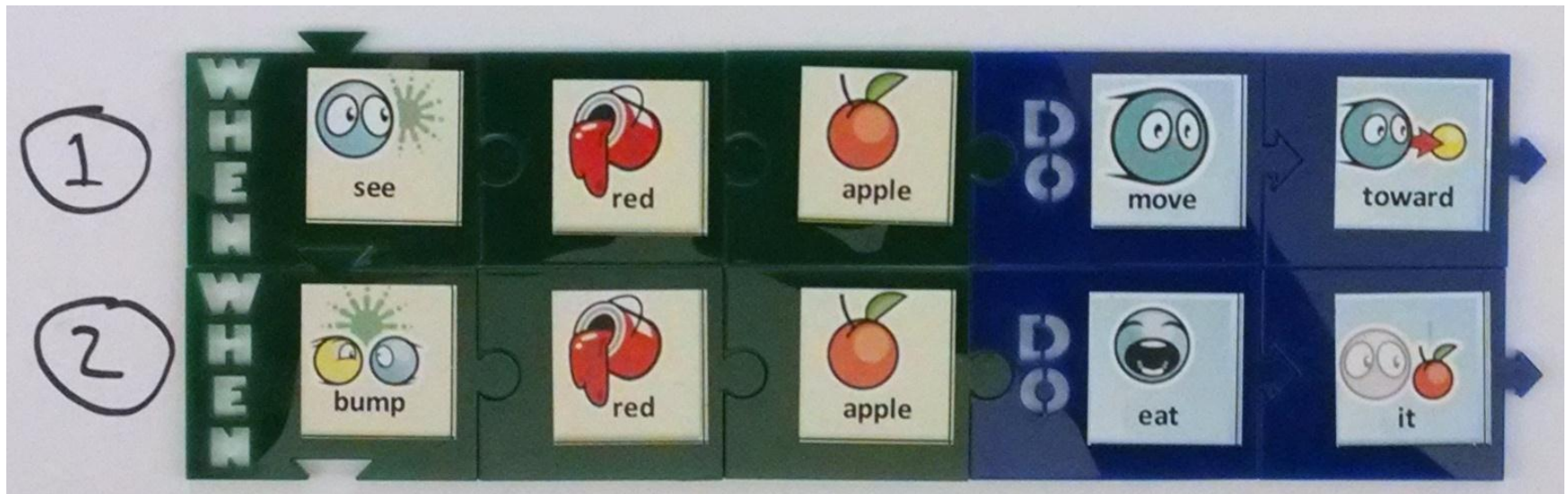
Apple2 World



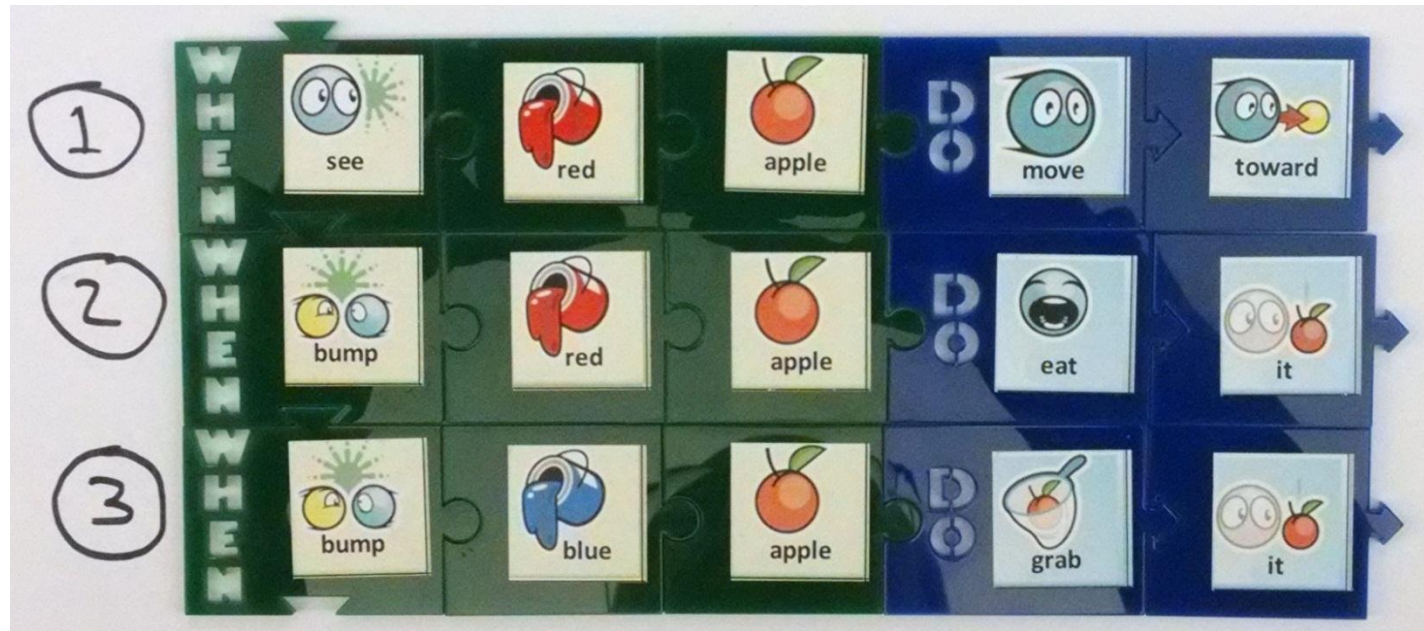
Only Eat Red Apples



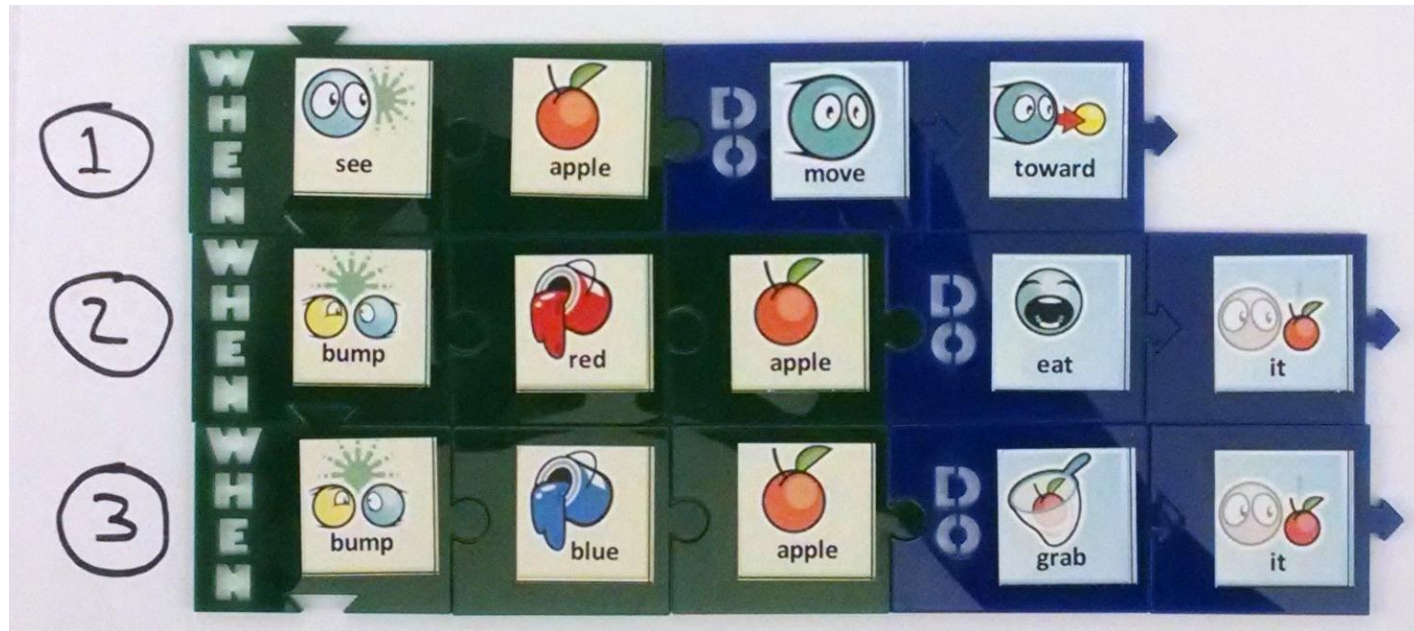
Pursue and Consume Red Apples



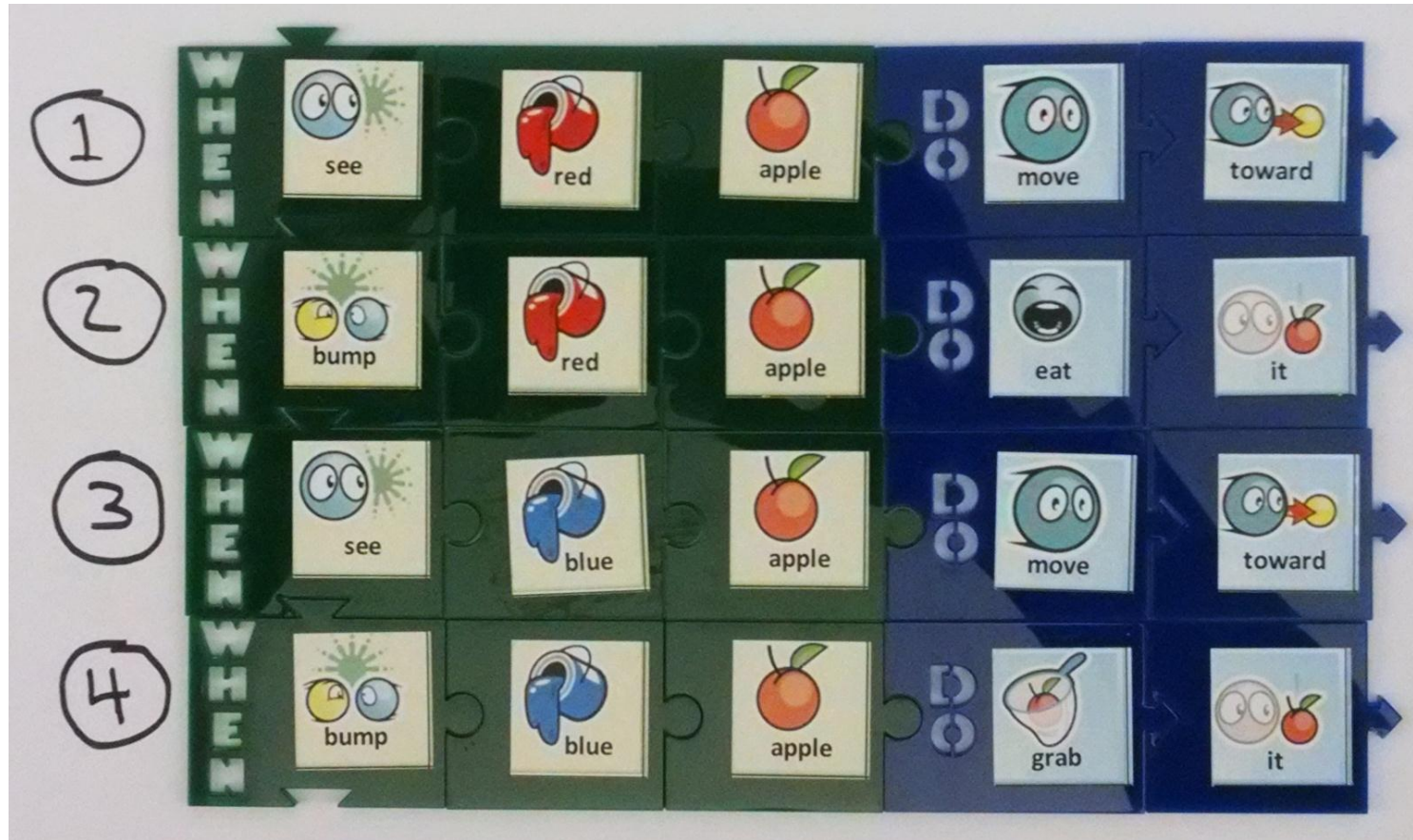
Eat Red Apples, Grab Blue Ones?



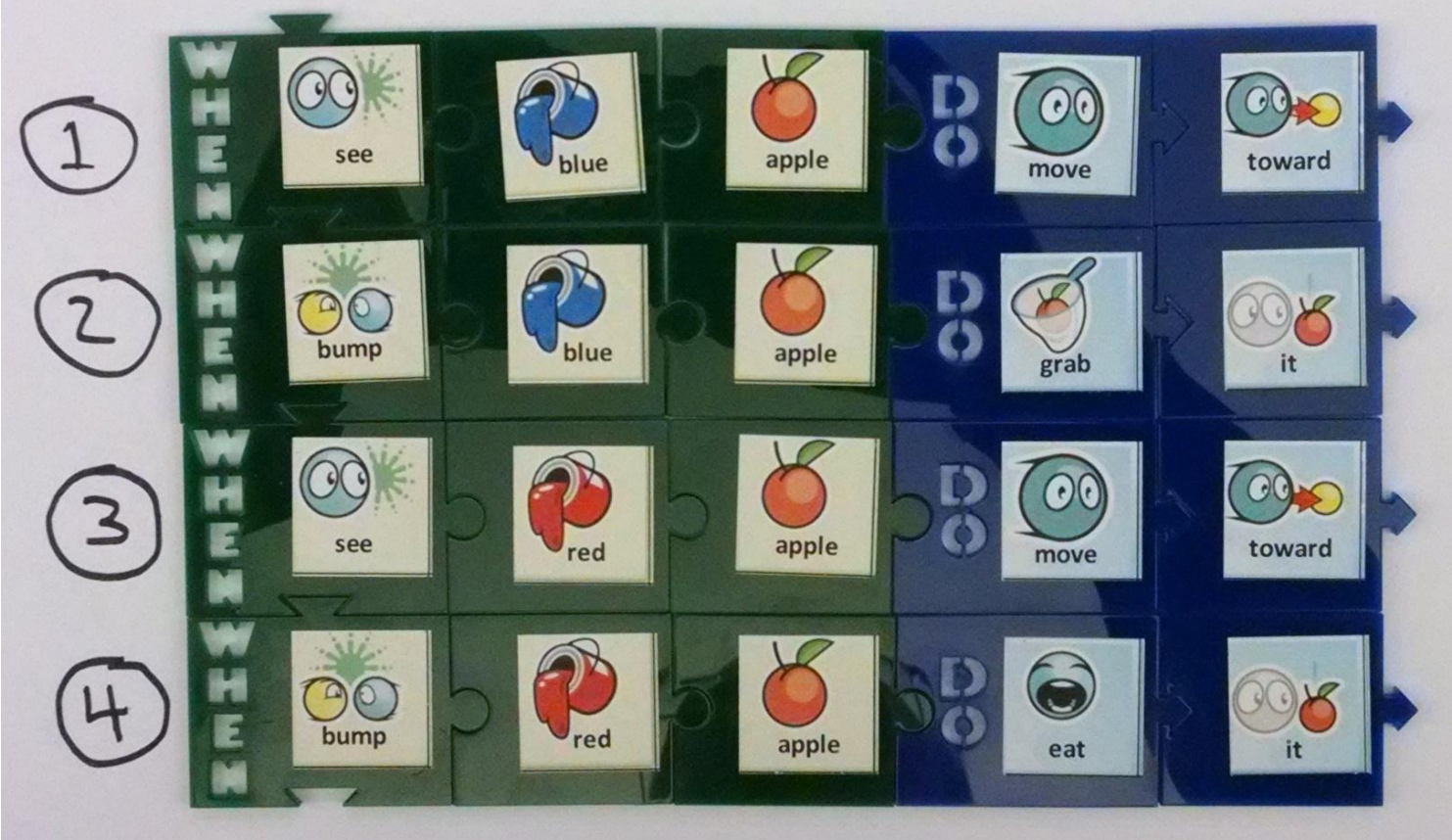
Eat Red Apples, Grab Blue Ones



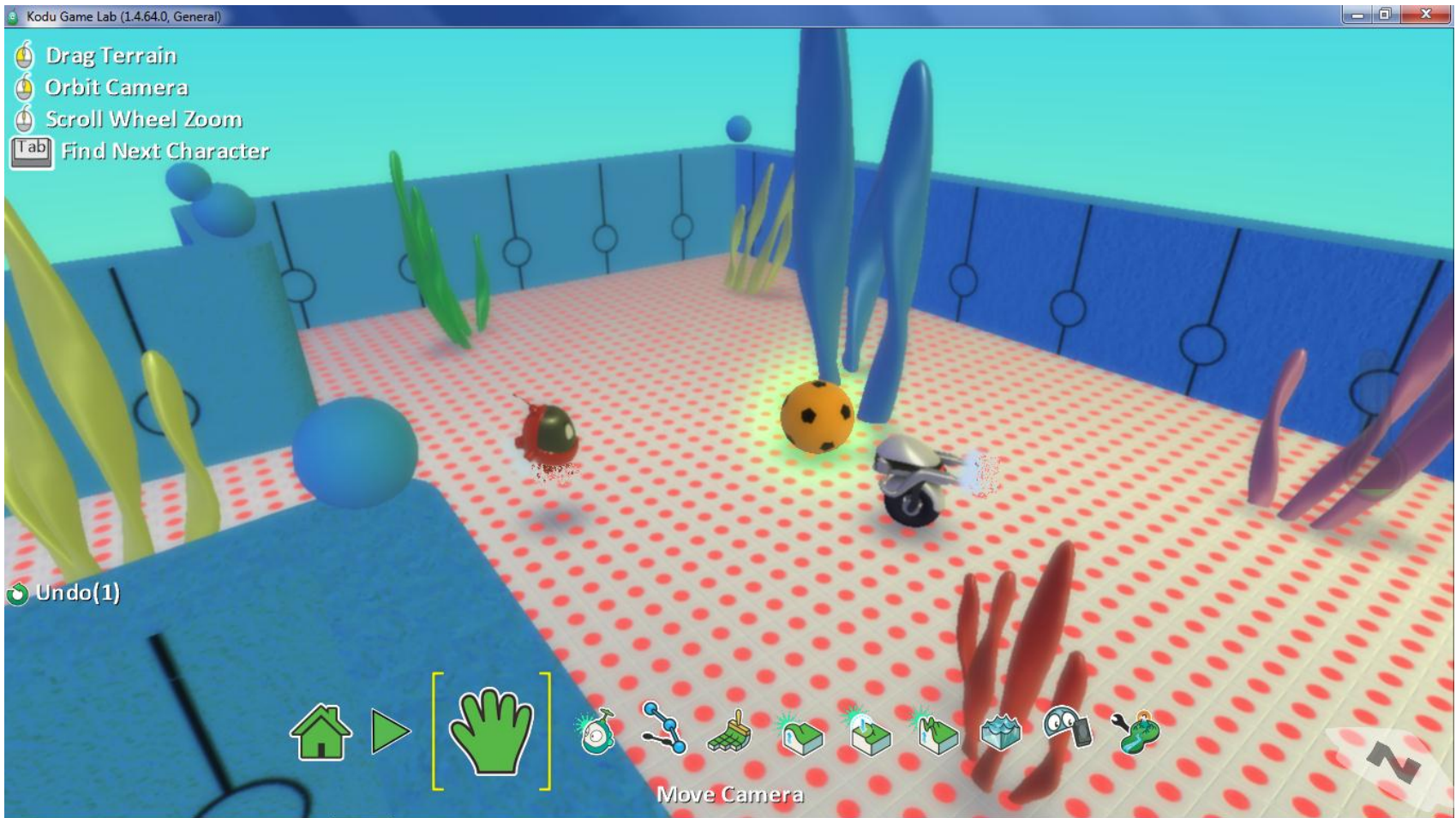
Non-Preferred Solution



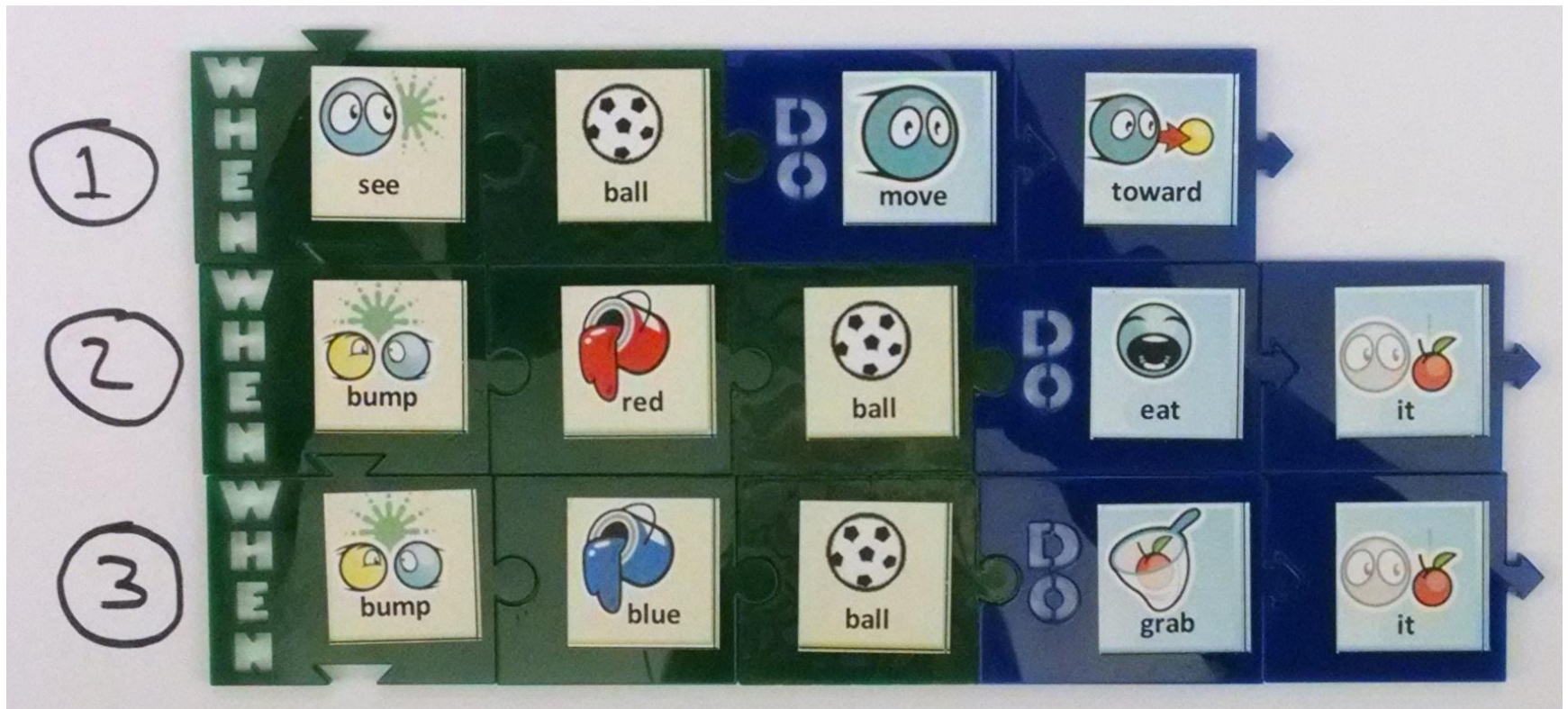
Non-Preferred, Different Order



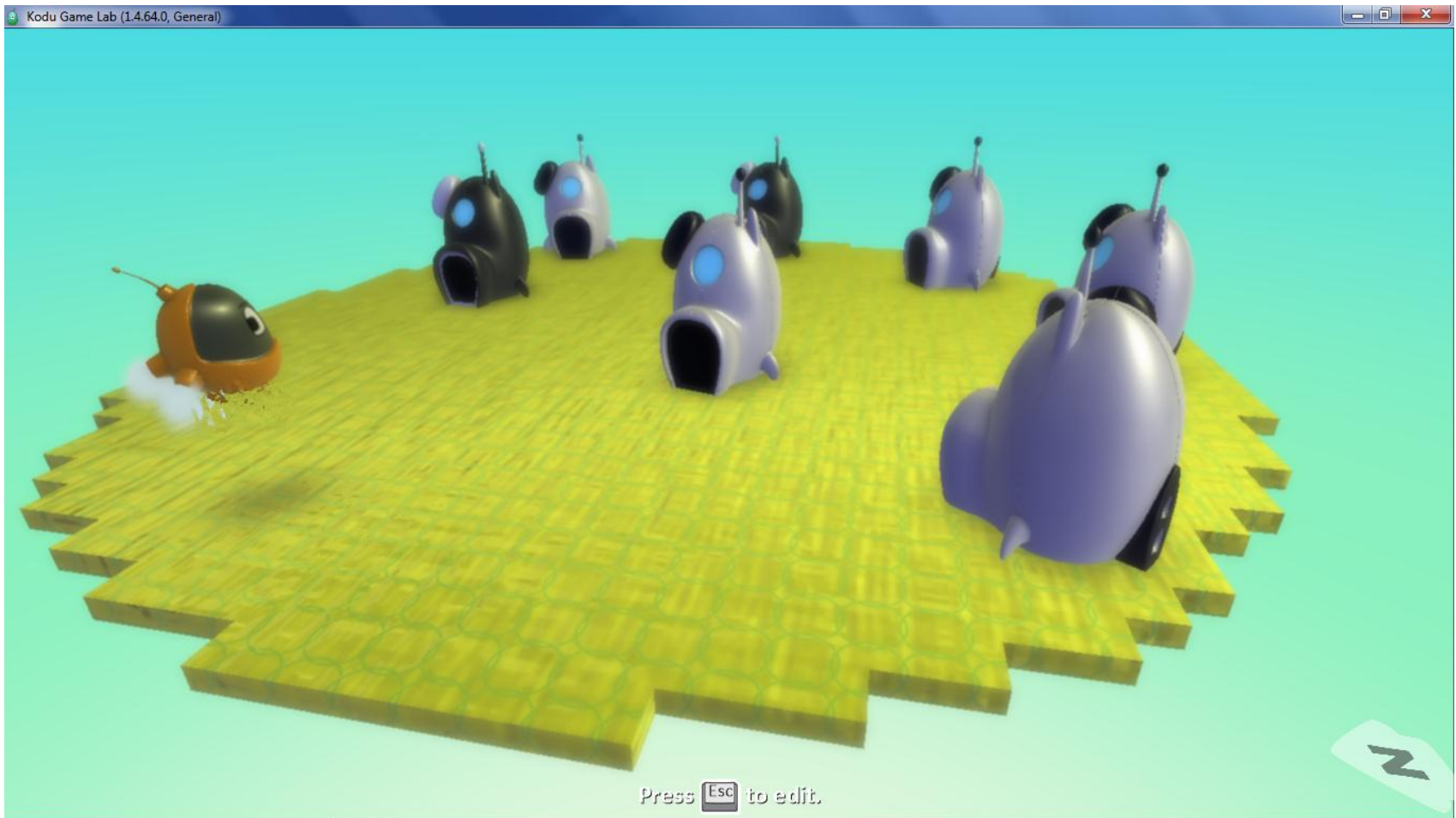
Ball1 World



Tiles for Consuming Soccer Balls



Paint1 World



Pursue or Consume?



Pursue or Consume?



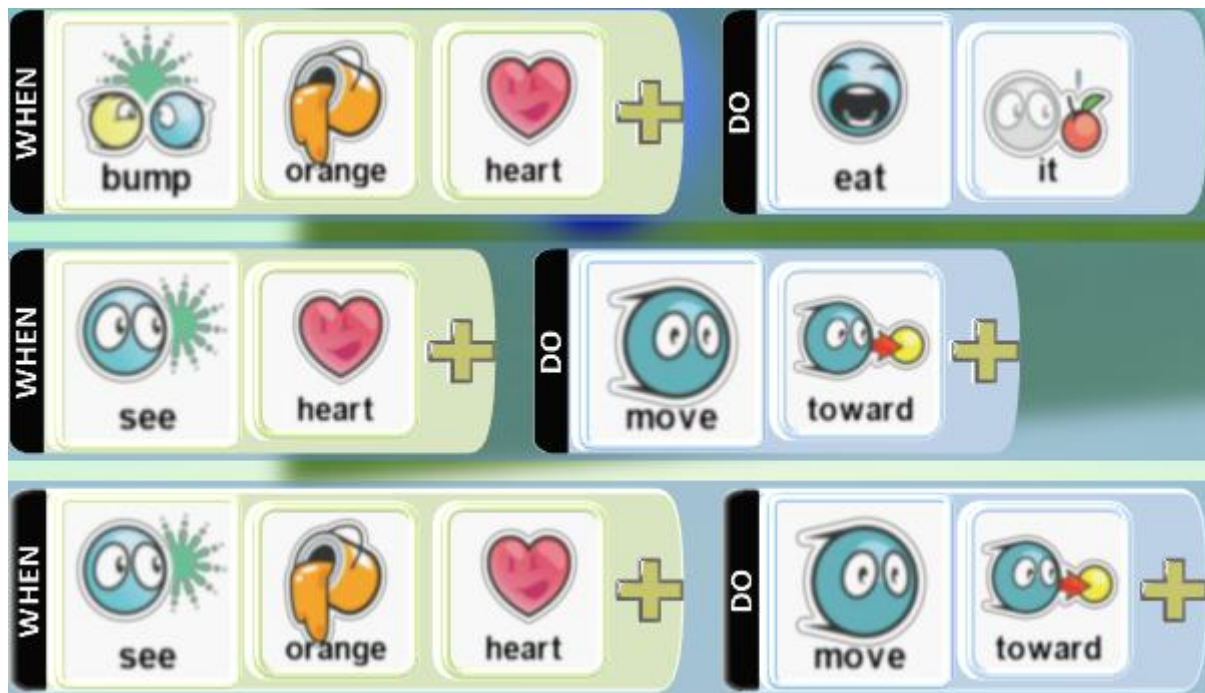
Pursue or Consume?



Pursue or Consume?



Which Rule Says to Pursue Only Orange Hearts?



Which Rule Says to Consume Only Blue Stars?

WHEN	 bump	 blue	 star	+	DO	 eat	 it	
WHEN	 see	 blue	 star	+	DO	 move	 toward	+
WHEN	 bump	 blue	 star	+	DO	 move	 toward	+