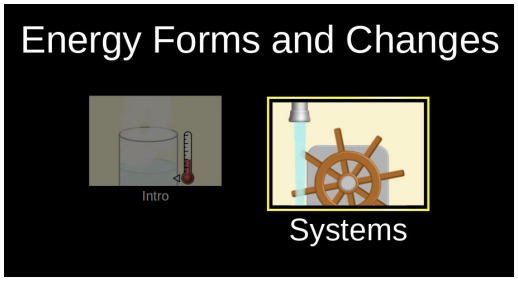
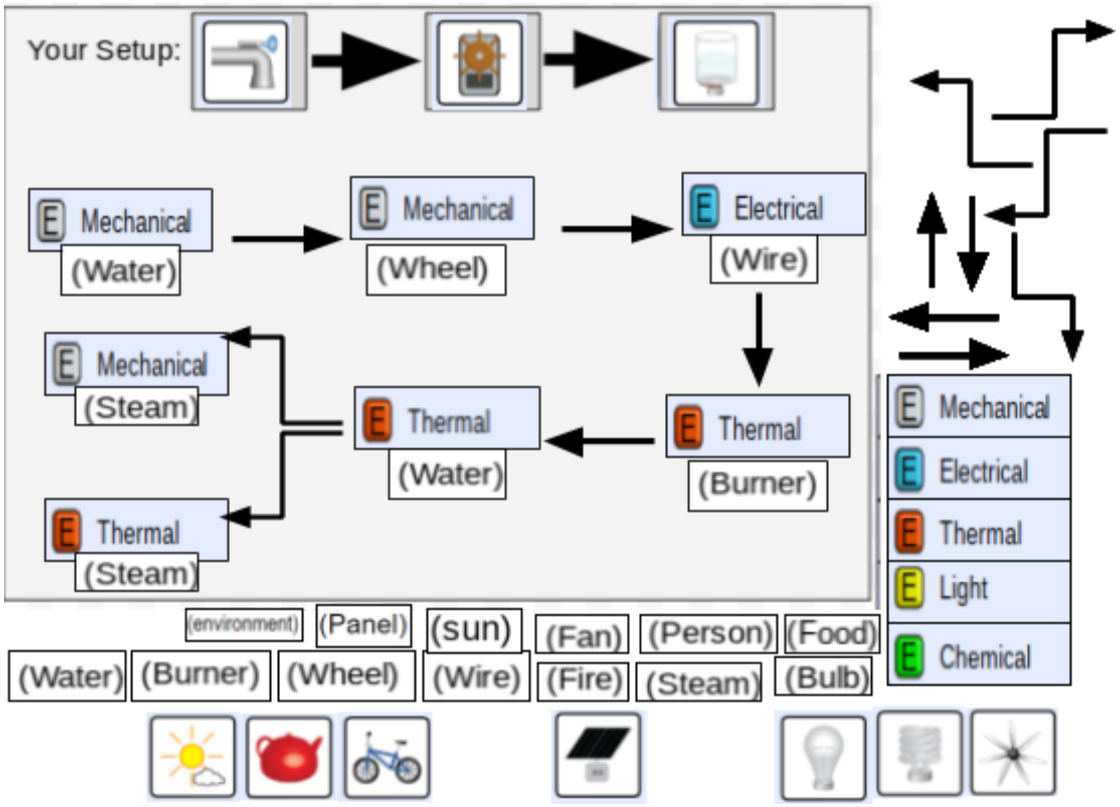
Energy Forms and Changes Flow Chart Lab (Designed for google doc editing) Name: _____

In order to explore energy transfers you will utilize a simulation
https://phet.colorado.edu/sims/html/energy-forms-and-changes/latest/energy-forms-and-changes_en.html



At the end of this assignment you need to create energy flow charts that utilize all 10 of the options in the program. To create the energy flow chart - double click on the image and drag the various words to connect energy transfers. These charts do not need to be linear in nature (you could have one energy turn into multiple other forms and have one branch not reach the end of the flow chart at all).



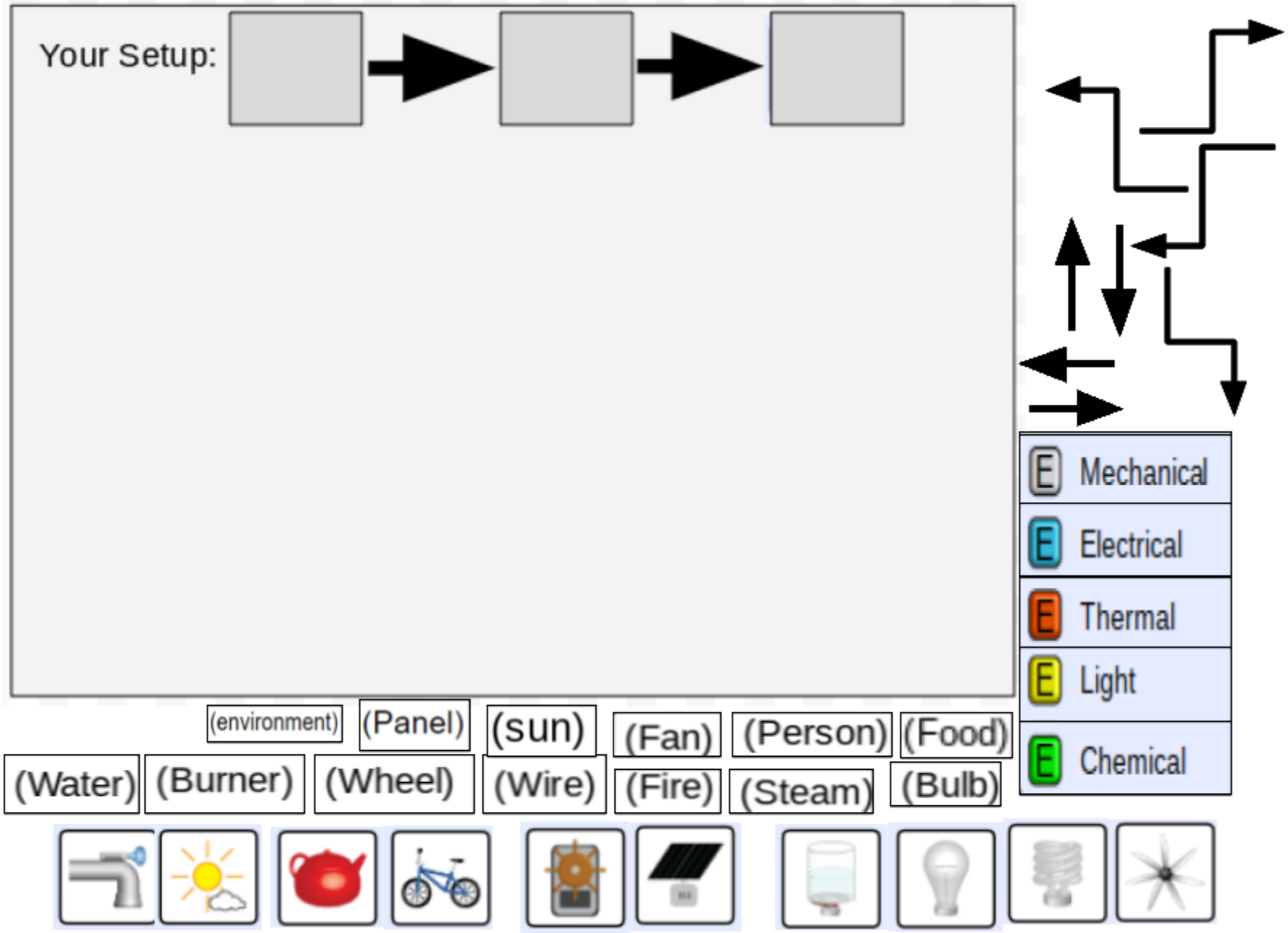
Click here to access google doc version to edit:

https://docs.google.com/document/d/e/2PACX-1vTcTbmHm6WgbH5ALL5q5ak2yE6MLWa1V8l66b3ZUOFeyqqcnivv_ZDyJNYTXR02WA3CesQVWNZWy2cB/pub

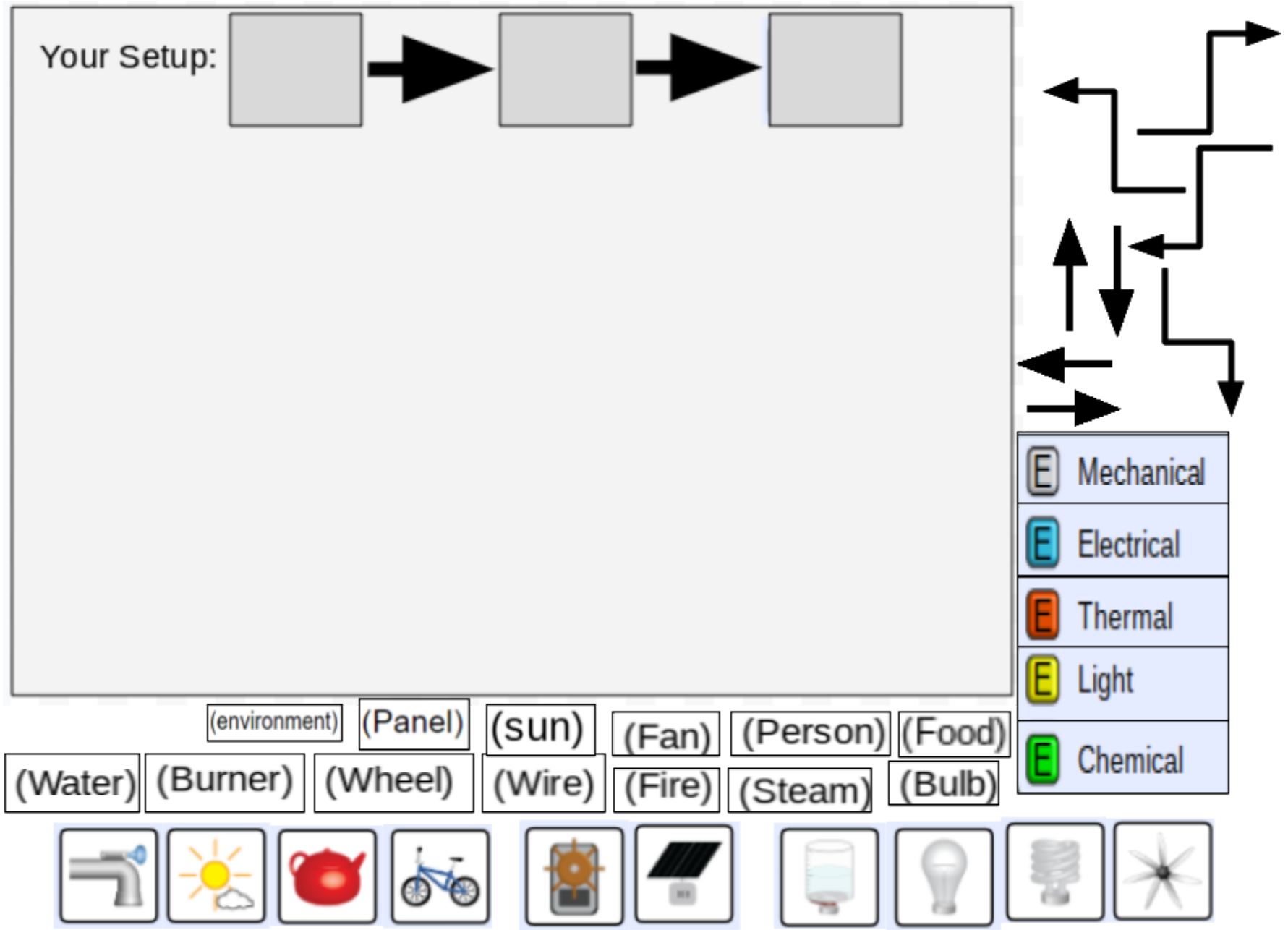
or

http://tinyurl.com/FlowChartLab2

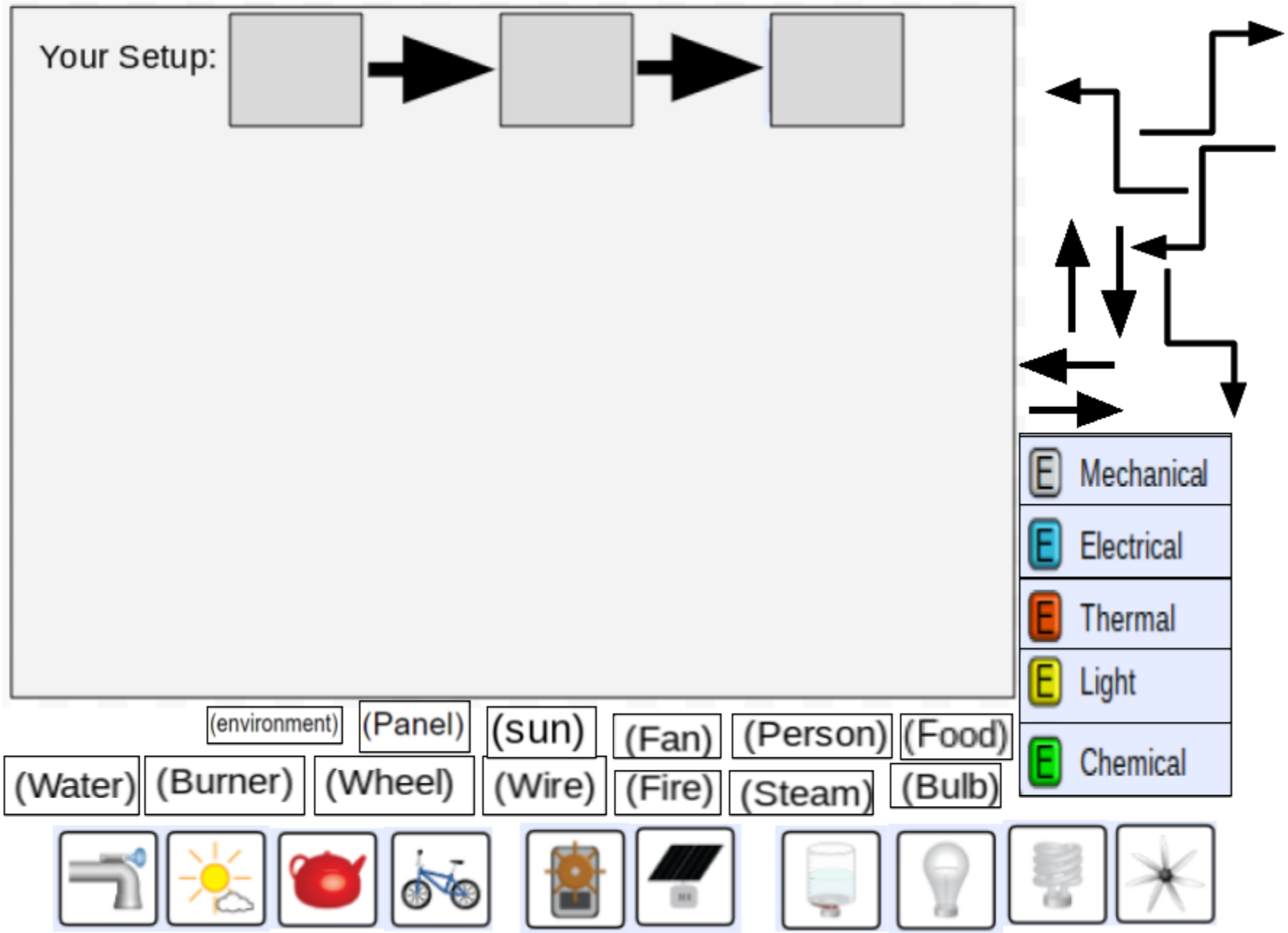
FLOW CHART #1


Your Setup:
Mechanical
Electrical
Thermal
Light
Chemical
(environment)
(Panel)
(sun)
(Fan)
(Person)
(Food)
(Water)
(Burner)
(Wheel)
(Wire)
(Fire)
(Steam)
(Bulb)

FLOW CHART #2

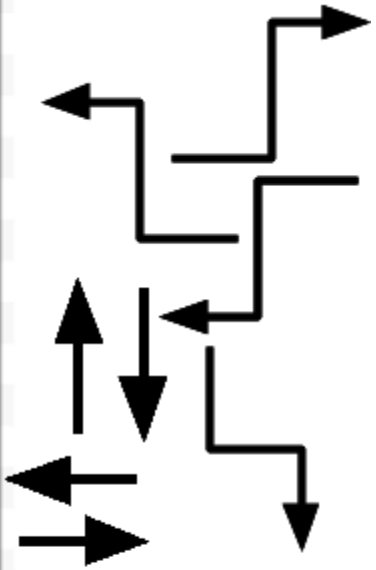

Your Setup:
(environment)
(Panel)
(sun)
(Fan)
(Person)
(Food)
(Water)
(Burner)
(Wheel)
(Wire)
(Fire)
(Steam)
(Bulb)
Mechanical
Electrical
Thermal
Light
Chemical

FLOW CHART #3


Your Setup:
Mechanical
Electrical
Thermal
Light
Chemical
(environment)
(Panel)
(sun)
(Fan)
(Person)
(Food)
(Water)
(Burner)
(Wheel)
(Wire)
(Fire)
(Steam)
(Bulb)

FLOW CHART #4

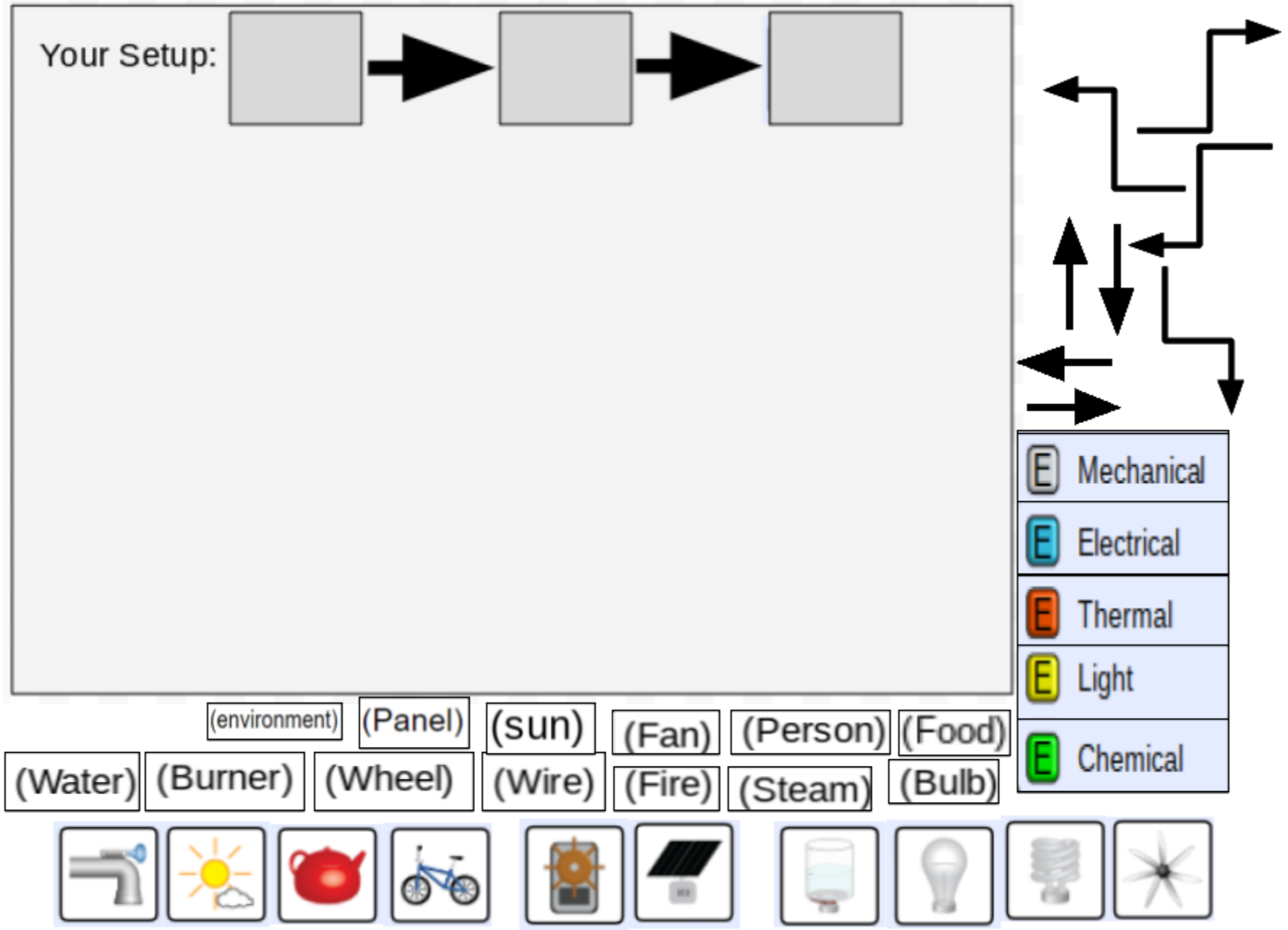
Your Setup:



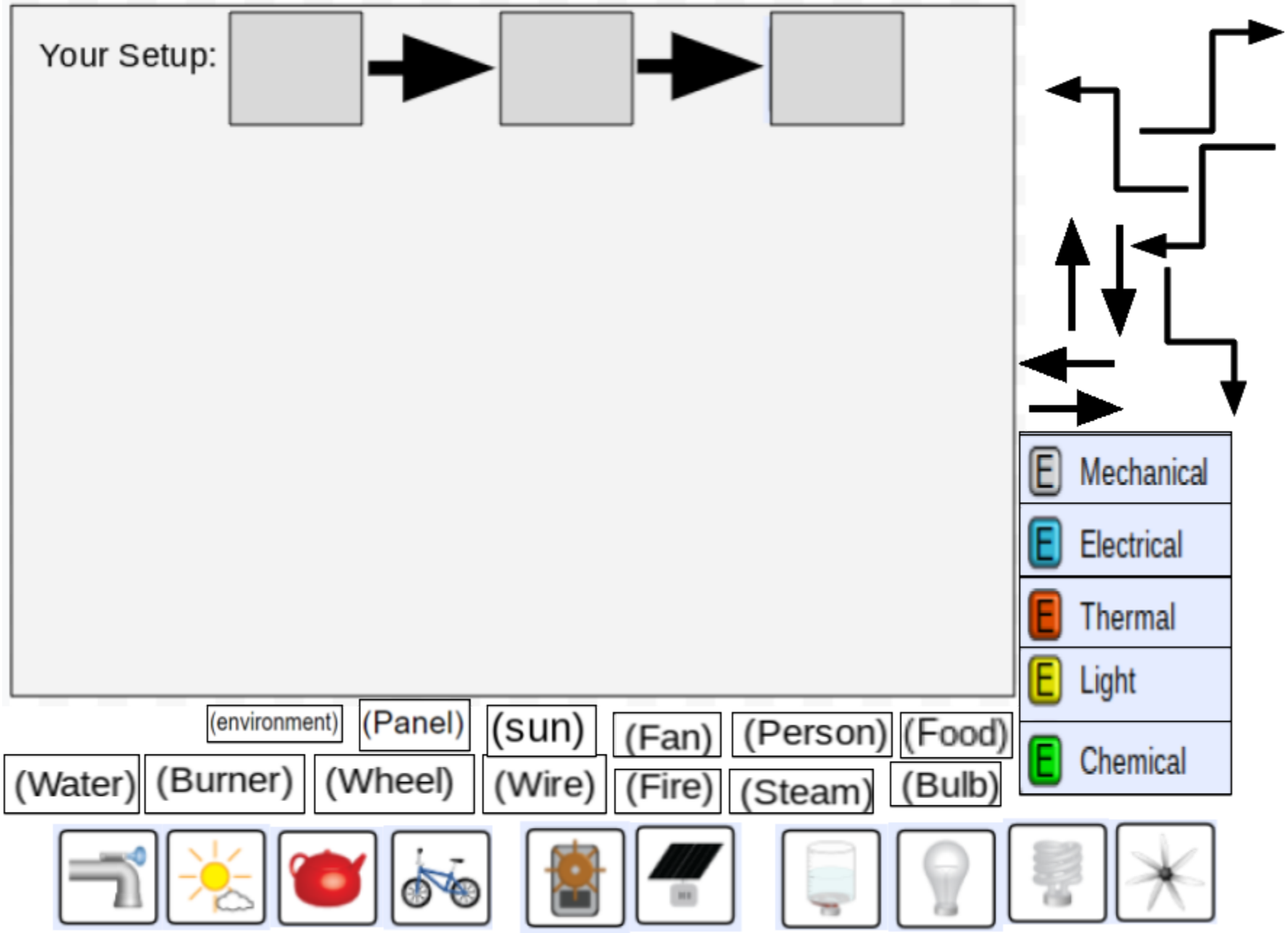
- Mechanical
- Electrical
- Thermal
- Light
- Chemical

(Water) (Burner) (Wheel) (Panel) (sun) (Wire) (Fan) (Fire) (Person) (Steam) (Food) (Bulb)

FLOW CHART #5


Your Setup:
Mechanical
Electrical
Thermal
Light
Chemical
(environment)
(Panel)
(sun)
(Fan)
(Person)
(Food)
(Water)
(Burner)
(Wheel)
(Wire)
(Fire)
(Steam)
(Bulb)

FLOW CHART #6


Your Setup:
Mechanical
Electrical
Thermal
Light
Chemical
(environment)
(Panel)
(sun)
(Fan)
(Person)
(Food)
(Water)
(Burner)
(Wheel)
(Wire)
(Fire)
(Steam)
(Bulb)