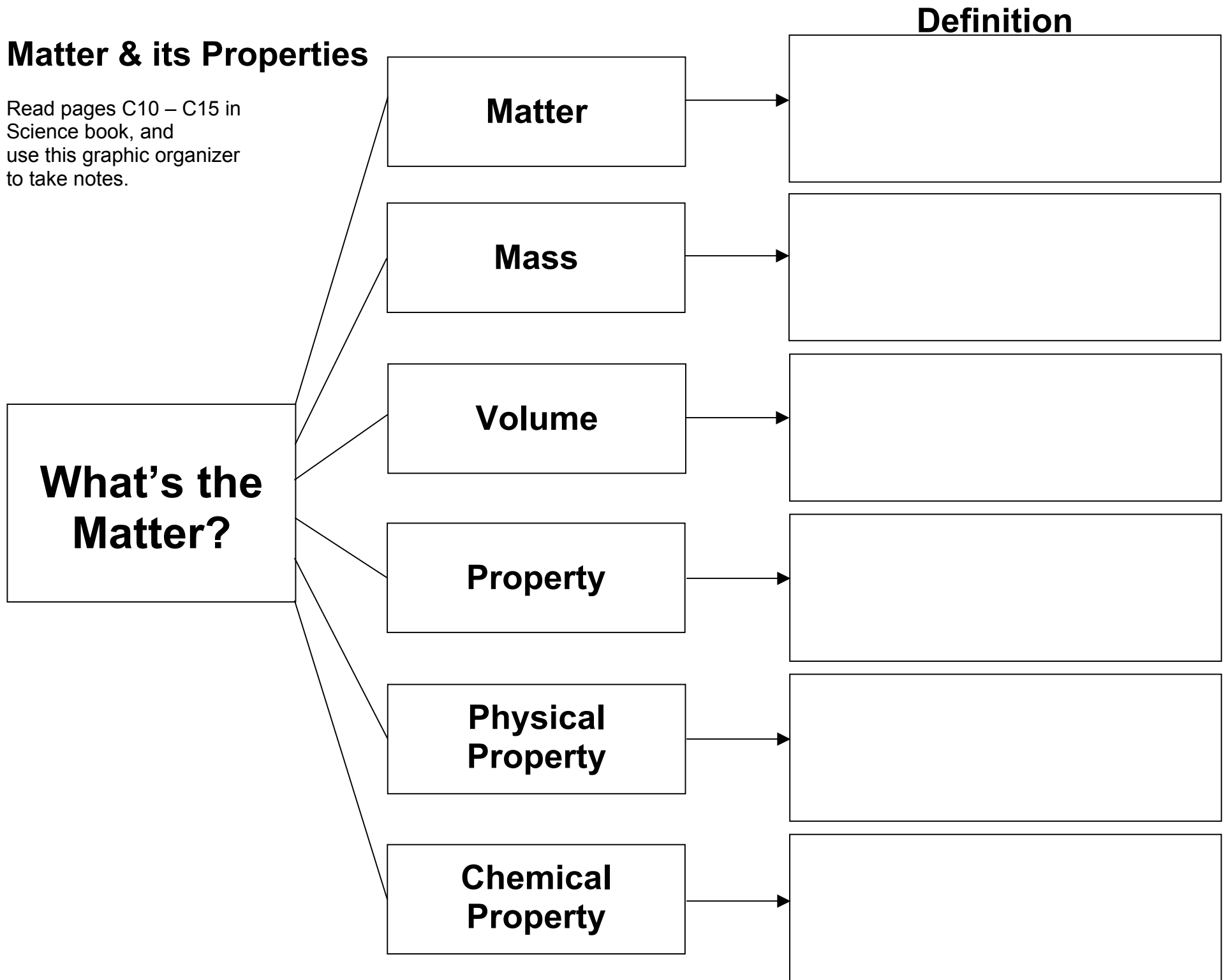


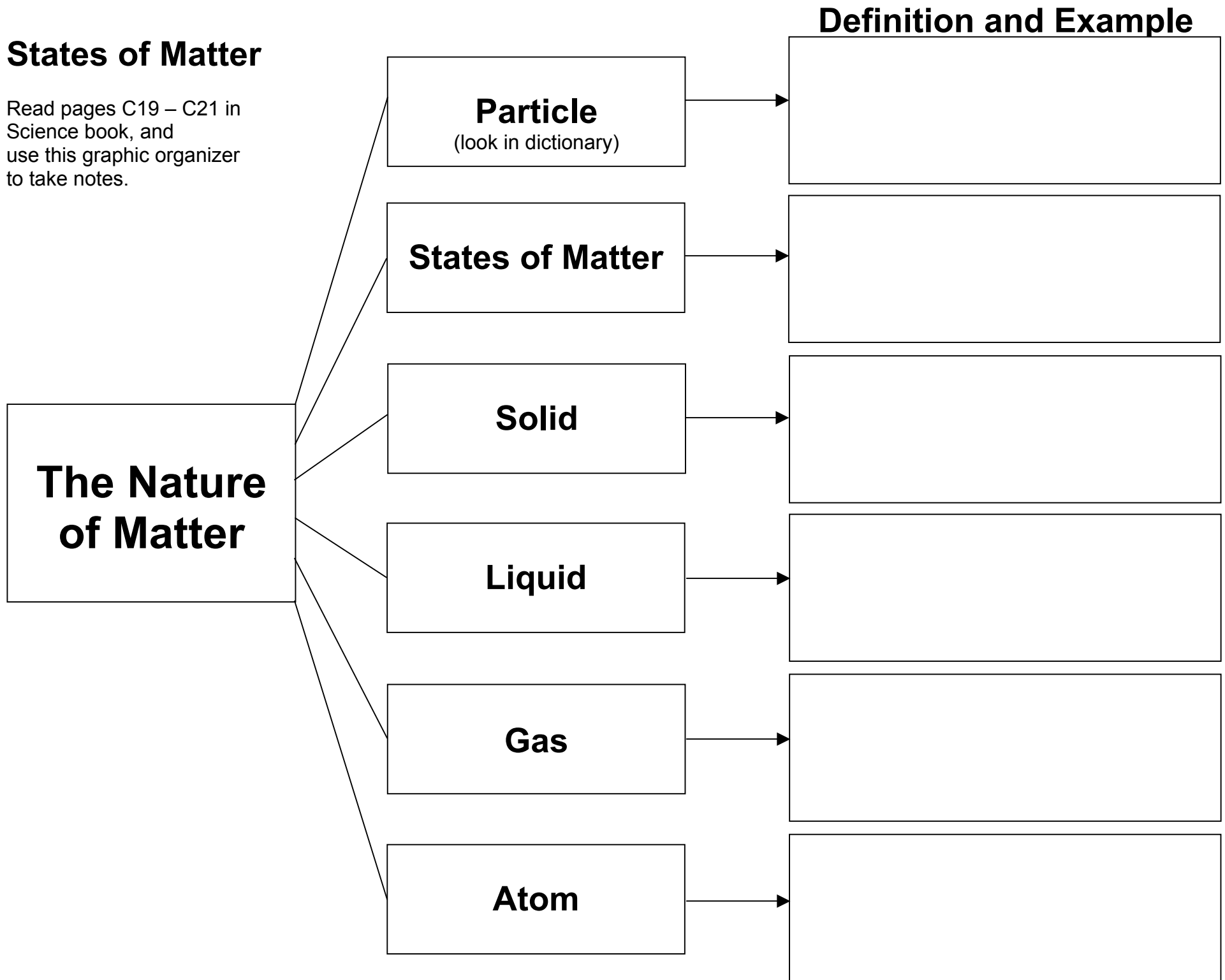
Matter & its Properties

Read pages C10 – C15 in Science book, and use this graphic organizer to take notes.



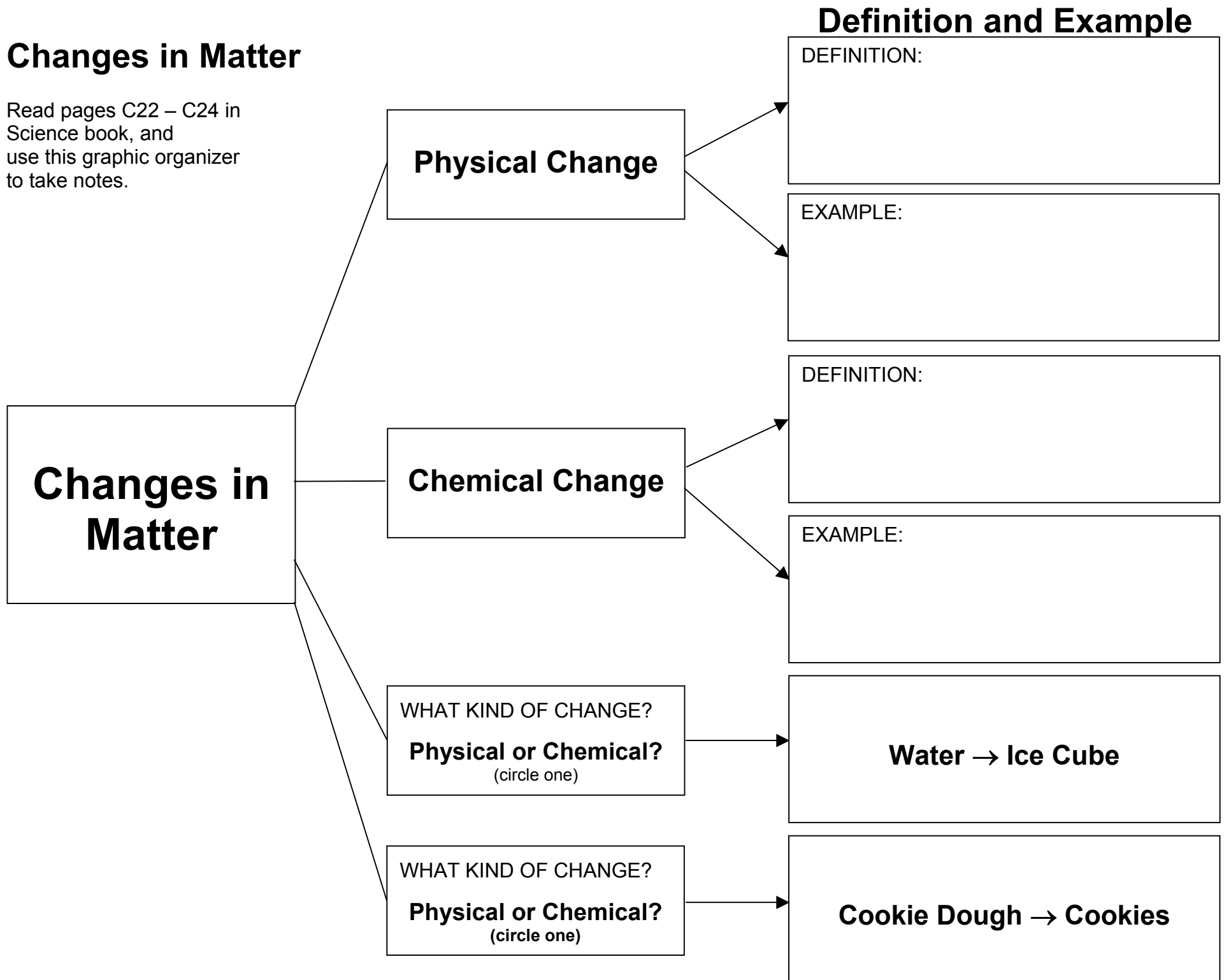
States of Matter

Read pages C19 – C21 in Science book, and use this graphic organizer to take notes.



Changes in Matter

Read pages C22 – C24 in Science book, and use this graphic organizer to take notes.



Definition and Example

DEFINITION:

EXAMPLE:

DEFINITION:

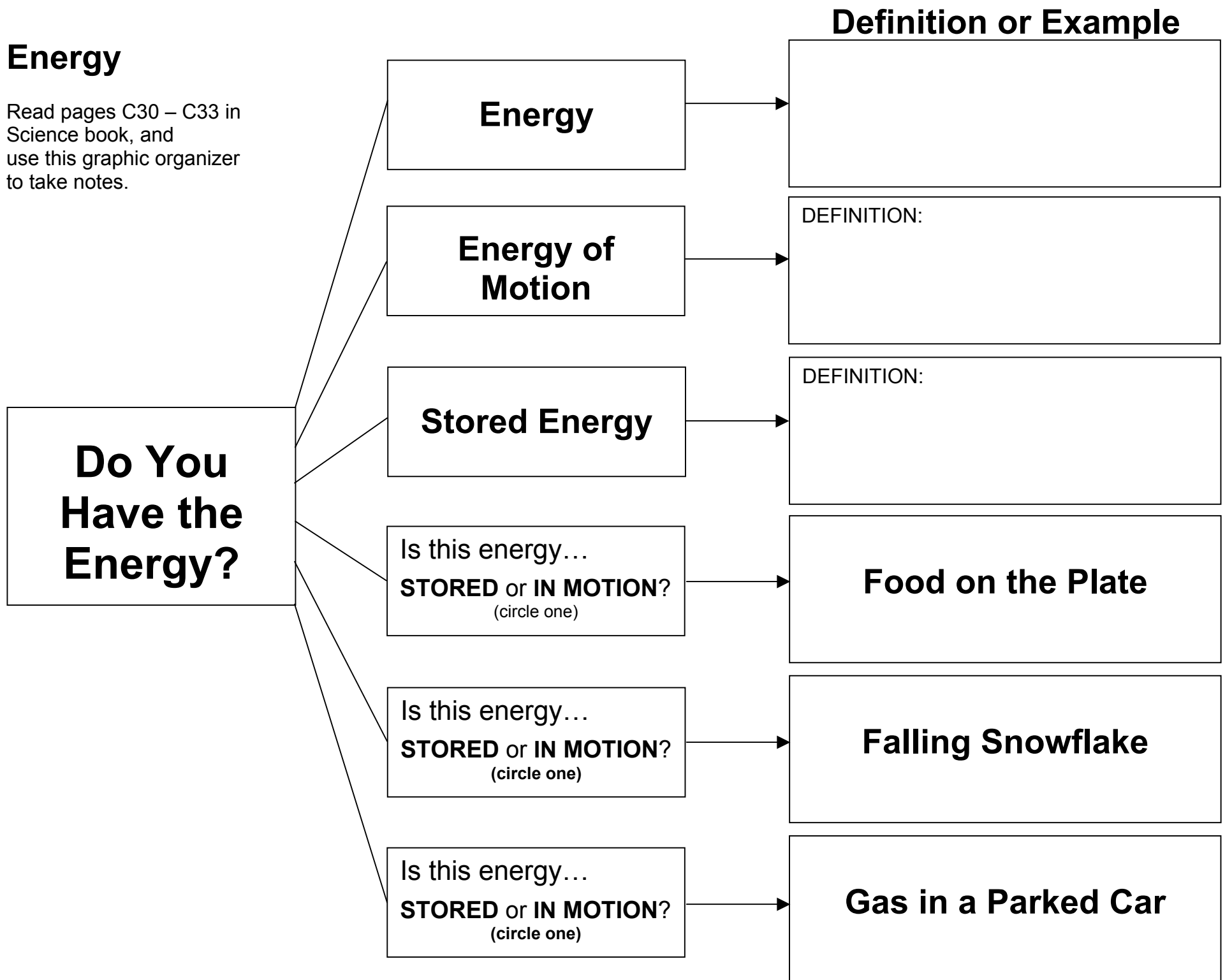
EXAMPLE:

Water → Ice Cube

Cookie Dough → Cookies

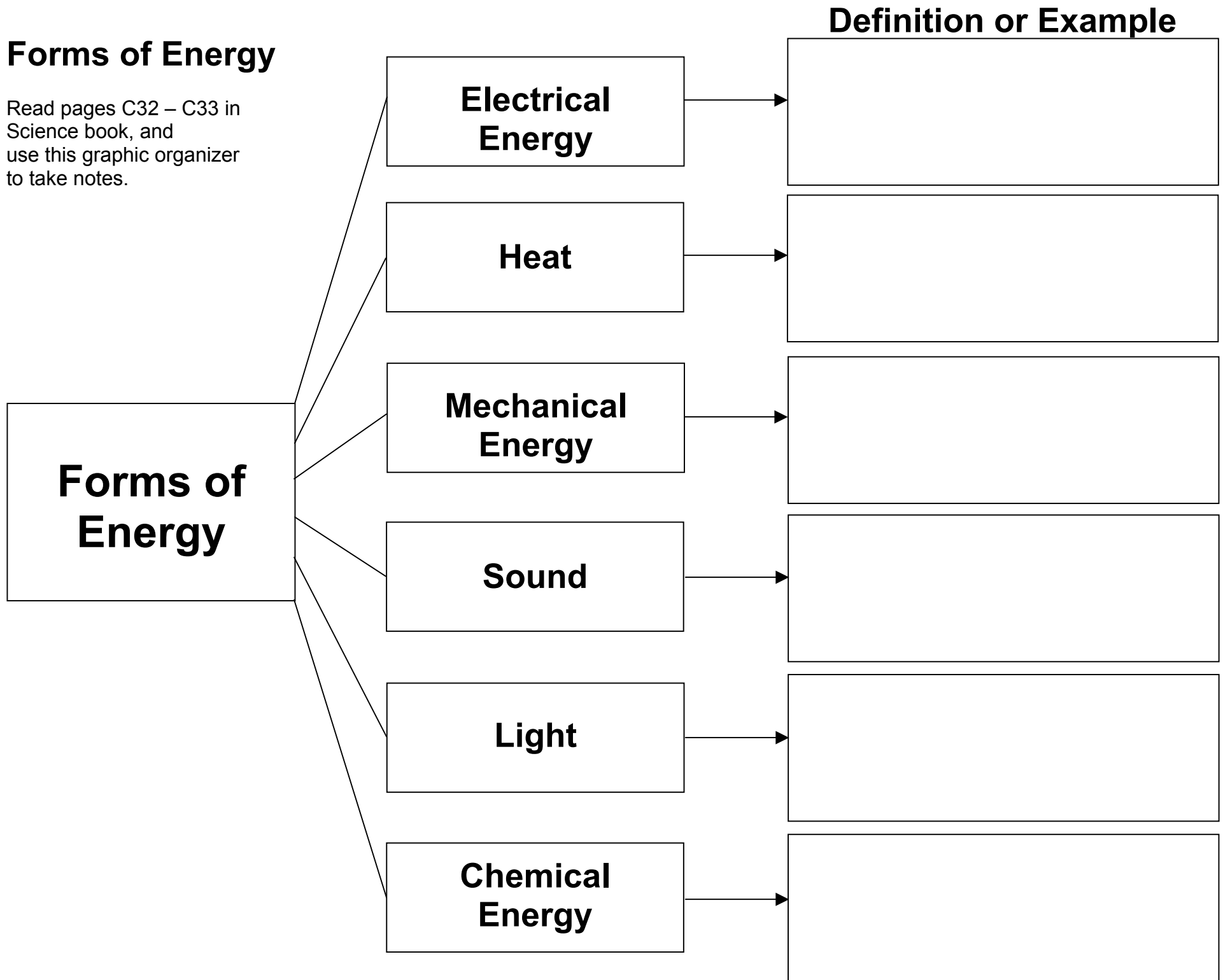
Energy

Read pages C30 – C33 in Science book, and use this graphic organizer to take notes.



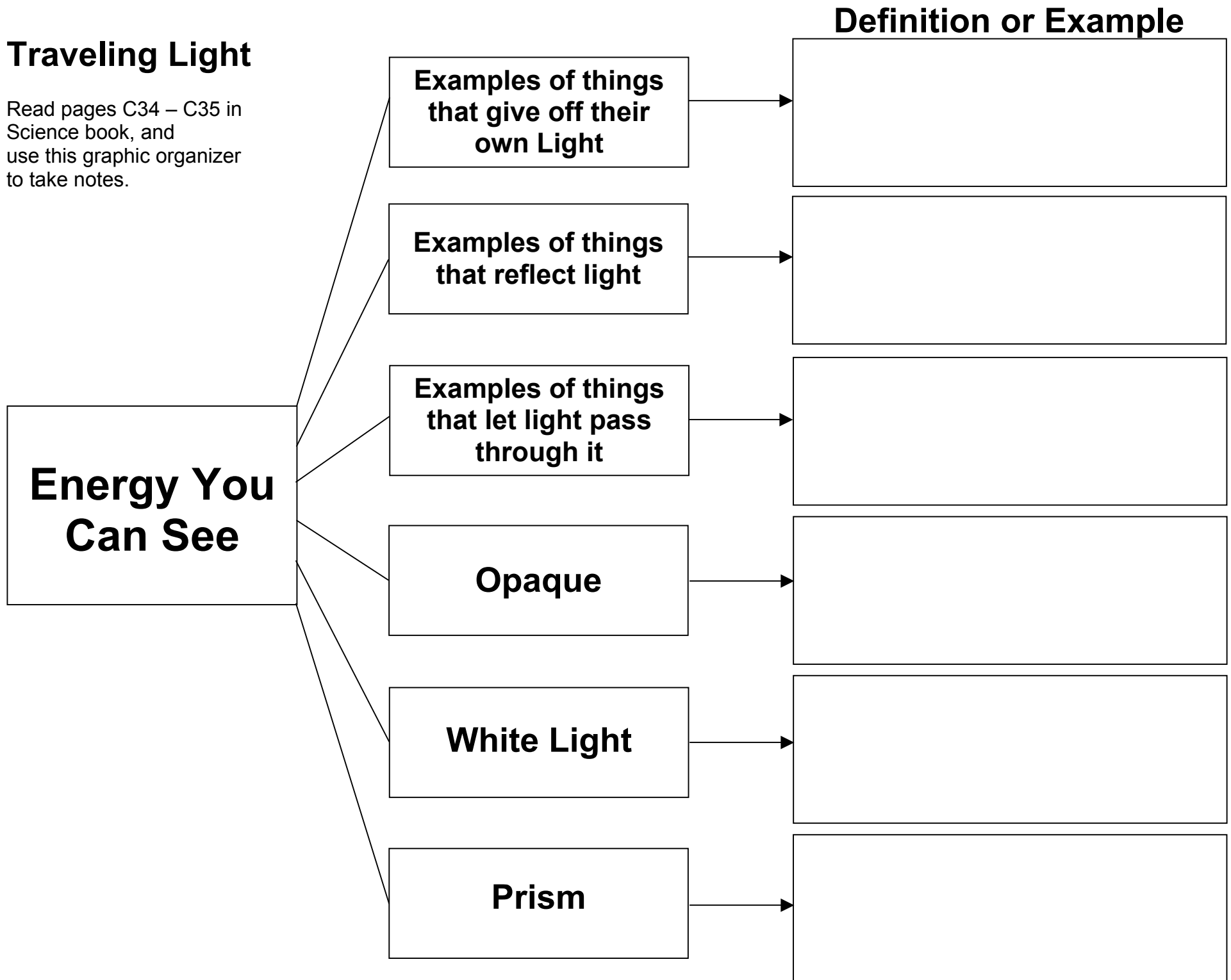
Forms of Energy

Read pages C32 – C33 in Science book, and use this graphic organizer to take notes.



Traveling Light

Read pages C34 – C35 in Science book, and use this graphic organizer to take notes.



Energy You Can See

Examples of things that give off their own Light

Examples of things that reflect light

Examples of things that let light pass through it

Opaque

White Light

Prism

Definition or Example

Energy Changes Form

Read pages C37 – C39 in Science book, and use this graphic organizer to take notes.

Energy Changes Form

From Electrical Energy to Light Energy

From Light Energy to Heat Energy

From Light Energy to Chemical Energy

From Electrical Energy to Heat Energy

From Chemical Energy to Heat Energy

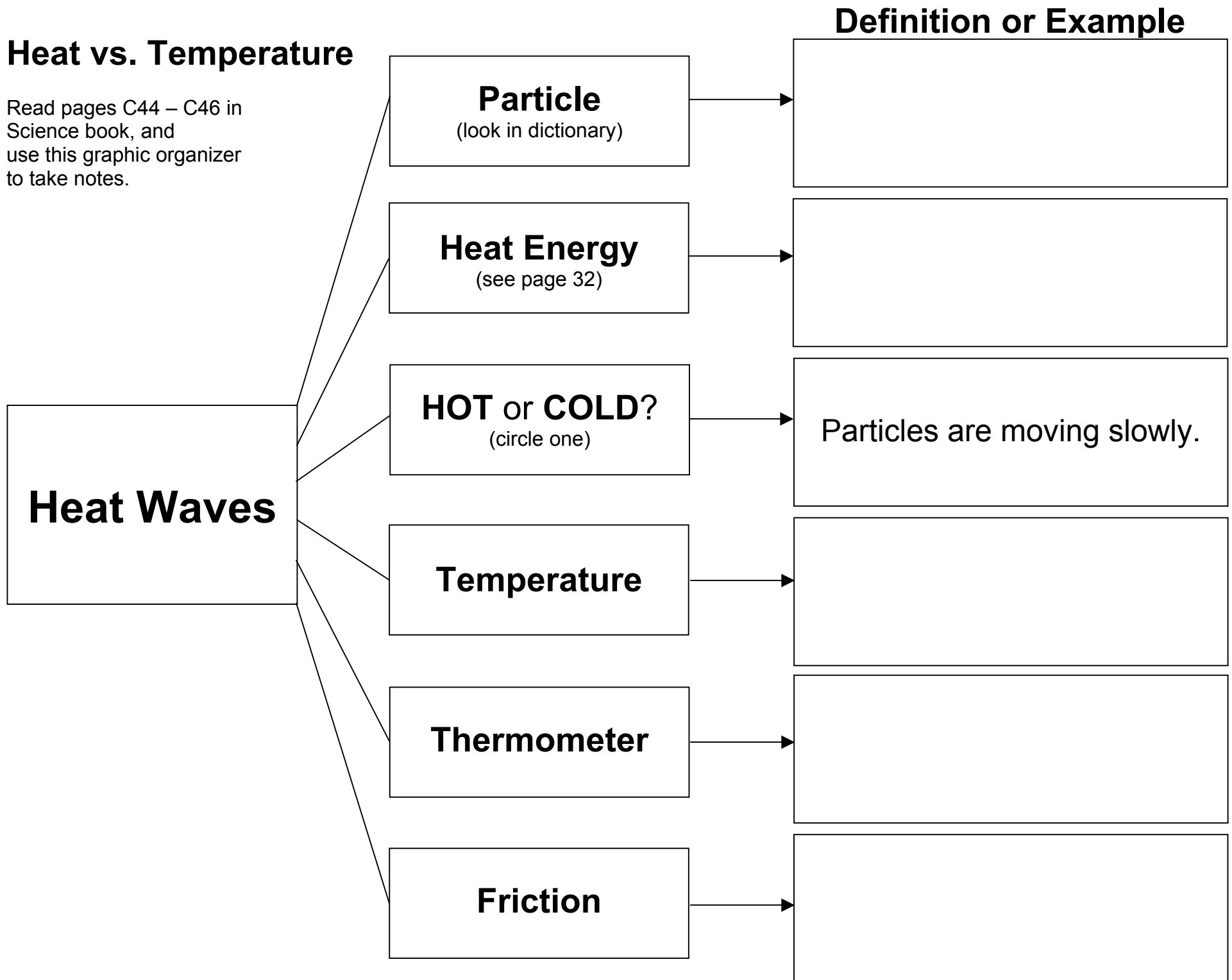
Chemical Energy is changing to _____ Energy

Example

Lighting a Match

Heat vs. Temperature

Read pages C44 – C46 in Science book, and use this graphic organizer to take notes.

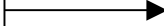


Heat Moving

Read pages C47 – C49 in Science book, and use this graphic organizer to take notes.

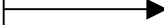
Heat on the Move

Conduction

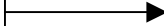


Definition

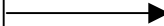
Conductor



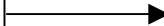
Insulator



Convection



Vacuum



Radiation

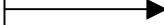


Add or Take Away Heat

Read pages C54 – C56 in Science book, and use this graphic organizer to take notes.

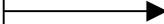
Adding and Subtracting Heat

Melt

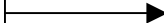


Definition

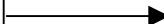
Evaporate



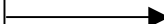
Condense



Freeze



Dissolve



Expand vs. Contract



EXPAND:
CONTRACT:

Force, Energy, Friction

Read pages C64 – C65 in Science book, and use this graphic organizer to take notes.

Force, Energy, & Friction

Force

Effects of Force

1. _____
2. _____

Gravity

Friction

Definition

1. Force can cause a change in object's _____
2. Force can cause a change in object's _____

This is what it takes to apply a force (PUSH or PULL) to an object.

Examples of two forces at work when you slow down your bike.

History of the Wheel

Read pages C66 – C67 in Science book, and use this graphic organizer to take notes.

**The
Greatest
Invention**

2500 B.C.

2000 B.C.


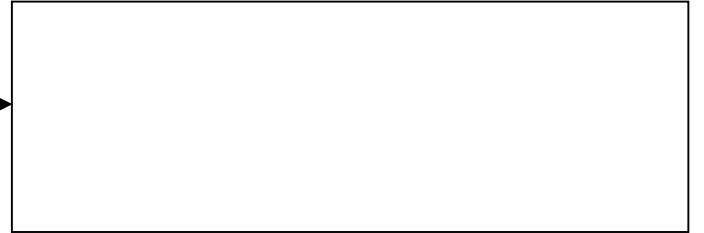
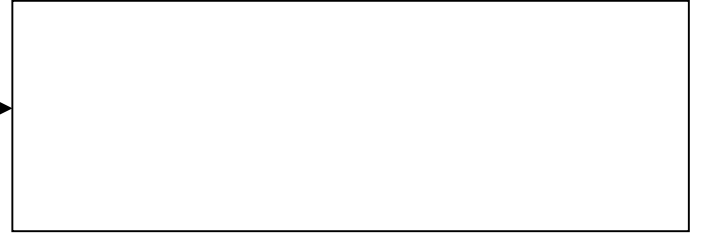
1000 B.C.

1600 A.D.

1700 – 1900

20th Century

How did the Wheel Improve?



Simple Machine

Read pages C72 – C73 in Science book, and use this graphic organizer to take notes.

Machines – Force Changers

Machine

Simple Machine

Lever

Fulcrum

Definition or Example

DEFINITION:

EXAMPLE:

DEFINITION:

EXAMPLE:

Simple Machines II

Read pages C74 – C76 in Science book, and use this graphic organizer to take notes.

