

# UNIT 3, CHAPTER 8

## 1. Chapter 8 Big Idea:

## 2. Essential Questions:

1. How is momentum conserved in collisions?
2. Can a collision be made "better" or "worse"?

## 3. Chapter 8 focus questions:

1. What is Momentum?
2. What is Impulse?
3. How is bouncing related to impulse?
4. What is the Law of Conservation of Momentum?
5. What is the difference between elastic and inelastic collisions?

# Unit 3 Vocabulary part 1- Chapter 8-pg.137

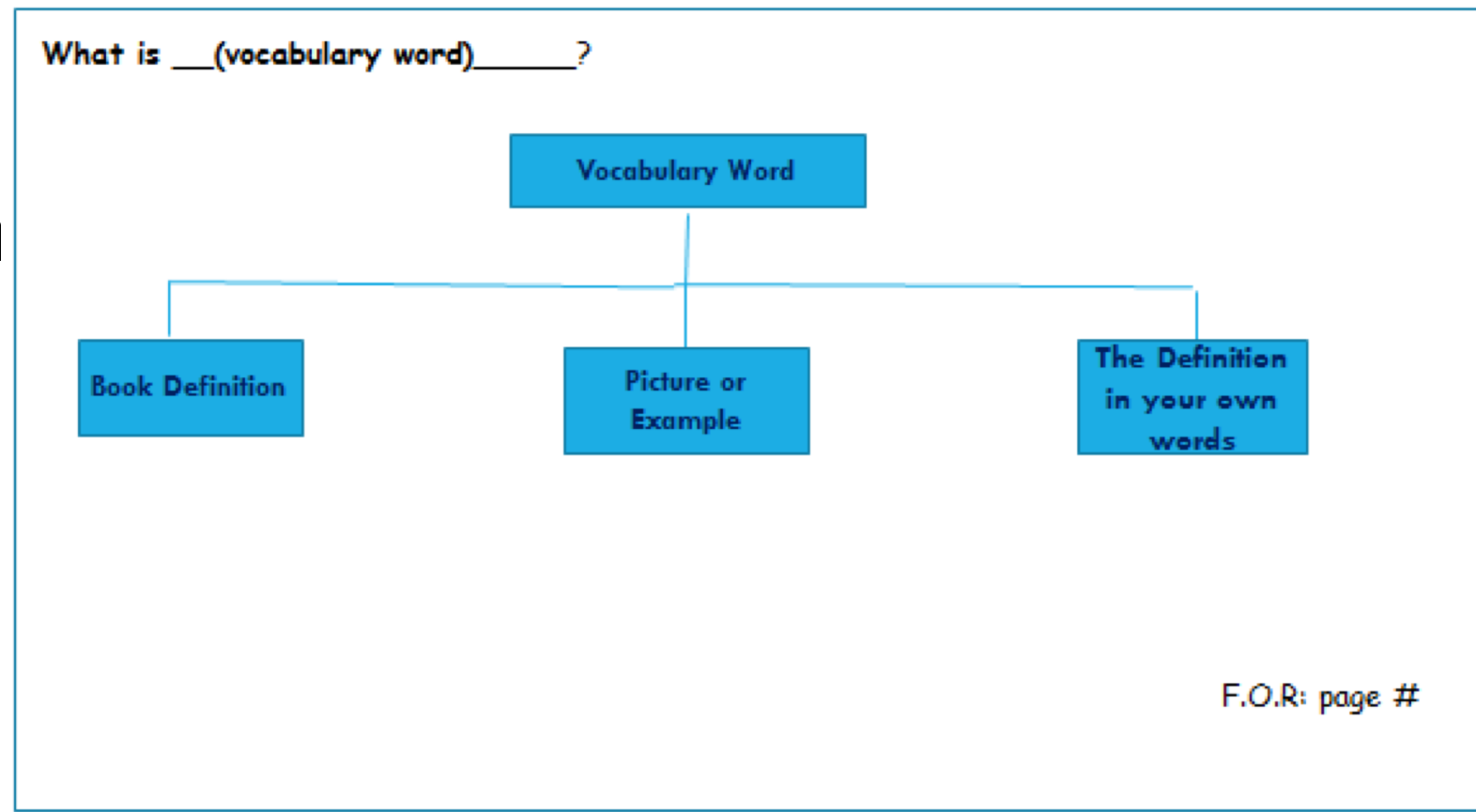
1. Momentum

2. Impulse

3. Law of Conservation  
Of Momentum

4. Elastic Collision

5. Inelastic Collision



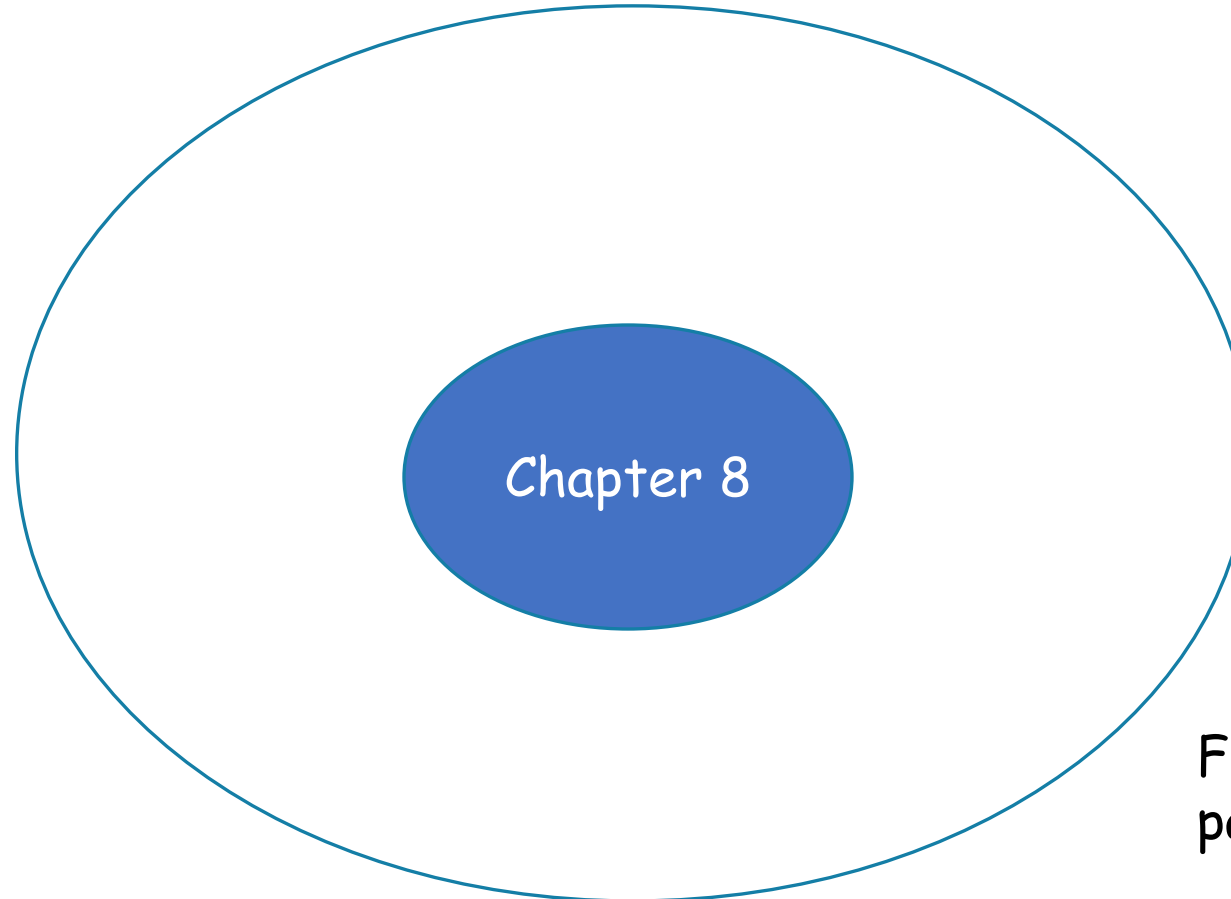
# CHAPTER 8

## MOMENTUM

BY: \_\_\_\_\_

# Notes- Circle map

**What are ideas related to momentum?**



F.O.R: chapter 8,  
pages 124-134

One thing I learned from my partner is.....

# RESEARCH PAPER

DRAWING

# 15 MINUTE RESEARCH PAPER

1. **2 minutes:** Look through 124-134... **Bookmark 3** interesting pages.



2. **1 minute:** Go back through the pages and **choose one** interesting page.



3. **3 minutes:** **Read** that one page and **take notes on a circle map**. Close book.



4. **3 minutes:** **Pair-share** with your elbow partner and **write down 1** thing you learned from your elbow partner below circle map.



# 15 Minute Research Paper

5. 3 minutes: **Write using this paragraph frame:**

The main idea of chapter 8 is.....

One thing I learned is ....



Another new thing I learned is ...

I thought page \_\_\_\_ was interesting because ...

It made me think of ...

Finally a new thing I learned from my partner is....

6. 3 minutes: **Quick draw with description**

7. Glue your paper in your notebook and share out.