





## A Summary of the Effects of Plastic on Human Health

### GUIDED NOTES

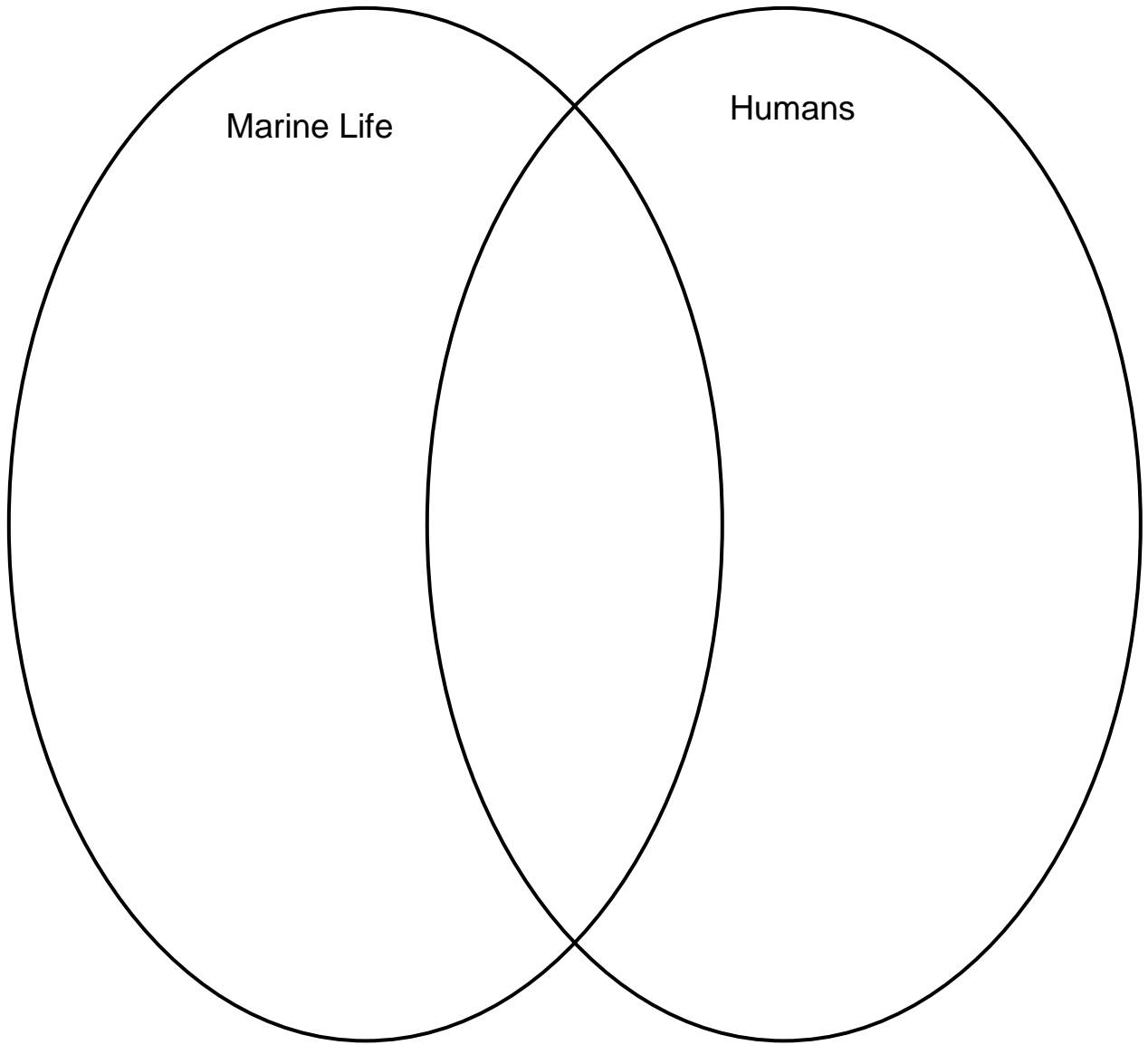
#### Prodigious Plastic Pollution

After reading *A Summary of the Effects of Plastic on Human Health*, answer the questions below.

- What are three ways that chemicals and gases produced by plastics can come in contact with our bodies?
  
- Substances such as \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ are present, which are all proven to \_\_\_\_\_ affect human health
  - Match the type of plastic to its example
    - PVC 
    - ACRYLIC 
    - NYLON 
    - BAKELITE 
  
- The extraction of resources for plastics often involves \_\_\_\_\_ or other invasive processes, and many release a significant amount of harmful substances into the \_\_\_\_\_ or \_\_\_\_\_ the surrounding \_\_\_\_\_.
  
- List three toxic metals that are released at the end of the plastic cycle.
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  - 
  -

- Where do these toxins go?
  - 
  - 
  -
- Most plastics are \_\_\_\_\_ to the naked eye.
- Where have micro and nano-plastics been found?
  - 
  - 
  -
- How do they get there?
  
- How long can it take for plastics to degrade?
  
- What are some health risks associated with consuming plastic?
  
- What are some of the impacts of plastics on developing fetuses?
  
- What are some important steps that the author lists for taking control of this problem?

- Use the Graphic Organizer to connect themes from what you know about the effects of plastic on marine life and on humans.



# Plastics in the body

K K I Q J W S C L I M L S M X X F L L B M F G H  
Y C D J E G G Z E L G N N C W I W S P I R O L K  
A Z E W H T T M K J B F O C I W T V U S B P W B  
N S T C E F E D H T R I B I U T D S J C T I J E  
P O L L U T I O N R T Q U D T H S L K H F Z C N  
V Y U L B W F P Z Q V R P K B A W A K T G F H B  
S K K O A W N A H R Z N I R G P C R L J Q E D Q  
F V G V T N G Q W S W Q Q E W O C I N P K M P C  
S X Y Q A P H E Y L P T X A Q C N E F M O J E G  
U C R Q O P D G Z I V H C V L I A U R I F N I G  
C G I T K Q Q U O Y M Q O L D W D Y D W S D A K  
S Y R T O E U M J Q F I S I S Y L O R Y P A G N  
M N T F S V G N U M Q B S R C P G D M O K S G A  
L G B C Q A R W L T B T L Z U L S S H S B L E F  
K D N E H Q L K B R J K A K T A E W Y O F Z N G  
H J A Q K P I P H K E O X T E S T V C U Q Q Y Z  
F G H M P C X W O X Y P O Z X T E Q C M L E Z T  
M T R F K V M V Q R W M X N V I B M H K V S N B  
S M E H Y U L N H P C E Y C Z C A K I Z S G E W  
I C V W U H O F I D J I J A B P I S B W H N B K  
Y M S R B K B T V F A E M N I H D K J H C I W P  
E E Z S O Z Y O O M N J I C L X N K X Y G U U A  
A Q Z T B I U D V V J J W E Y J E K Y V G L M E  
G X U Y U B F R H P R T Q R S G J B D D M Y G I

Nanoplastics   Pyrolysis   Pollution   Gasification   Benzyne   Microplastics   Plastic   Birth Defects  
Diabetes   Cancer