



# MICROPLASTICS: TINY BUT DANGEROUS

What is a microplastic and how does it enter our environment? Fill out this worksheet to find out! Print this document or grab a notebook and pencil to complete on your own.

## Activity 1: What is a Microplastic?

What size does a piece of plastic need to be in order to be considered a microplastic?

(ANSWER: Smaller than 5mm)

## Activity 2: Types of Microplastics

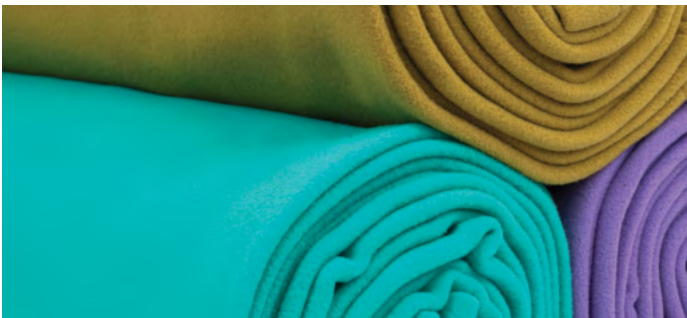
Label the types of microplastics. Use the words below and assign them to the correct photo. Words: **industrial pellets/nurdles**, **fragments & styrofoam**, **fibres**, **microspherules/microbeads**



TYPE: \_\_\_\_\_



TYPE: \_\_\_\_\_



TYPE: \_\_\_\_\_



TYPE: \_\_\_\_\_

## Activity 3: Dinner or Danger

Can you tell which image(s) are of a jelly fish?



IS THIS A JELLYFISH?

☐

YES

☐

NO



IS THIS A JELLYFISH?

☐

YES

☐

NO



IS THIS A JELLYFISH?

☐

YES

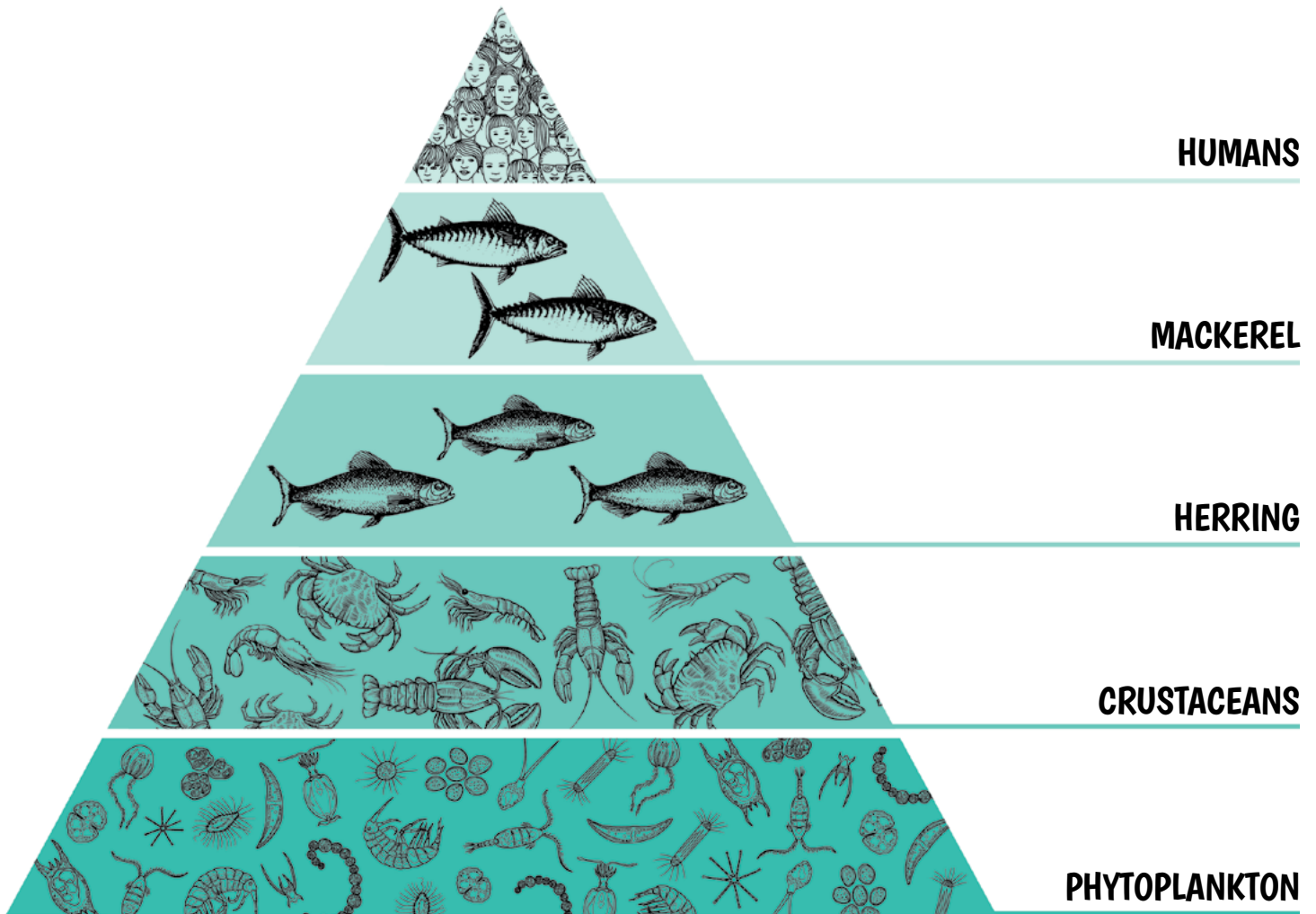
☐

NO

## Activity 4: Human Health

Define 'bioaccumulation'.

Use the food chain diagram to help explain why plastics affect humans.



A large empty rectangular box for writing notes or answers.

## Activity 5: Plastic Inventory

Create a list of ten plastic items that are in your house. For each item you list, think of an alternative that is not made of plastic and will reduce your use of plastics.

*Example:* a plastic fork is used once and thrown away. An alternative can be a metal utensil.



Plastic Item	Alternative