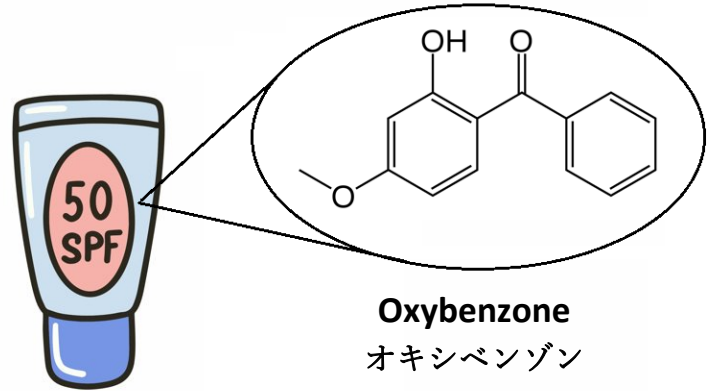


Name: _____

Class: 1年S組 号

Introduction

Oxybenzone is a compound found in many sunscreens. It protects our skin by absorbing the sun's rays, specifically UV rays. However, Oxybenzone easily dissolves in water, and does not break down easily, so it stays for a long time. It is also hard to remove oxybenzone from the water, so it is often found in seawater, lakes, and rivers.



Scientists are interested in the effects of oxybenzone on marine animals. Some research has shown that oxybenzone negatively affects animals such as fish and sea urchins. For example, sea urchins affected by oxybenzone have problems reproducing. Oxybenzone can also cause changes in behavior in fish. As a result, governments are trying to stop people from using oxybenzone sunscreens at beaches.

Now, we want to know how oxybenzone affects coral. Coral is very important for ocean life, and therefore we need to protect it. If there is no coral, then fish and other animals can't survive.

Based on this background information, what question and hypothesis can you make about coral and oxybenzone?

Question

Hypothesis

Vocabulary!

compound – 物質 / **absorb** – 吸収する / **UV rays** – 紫外線 / **dissolve** – 溶ける / **scientist** – 科学者 /
effects – 影響 / **behavior** – 行動 /