

# Our impact on biodiversity and climate

## TEACHER SHEET



### The objectives

-  **To make children aware of the impacts of human activity on biodiversity.**
-  **Understand how species can be threatened by our daily actions.**
-  **To highlight threats such as pollution, global warming, overfishing, deforestation...**

**To do so, we suggest 4 activities to be done in class with your tribe.**



### The instructions

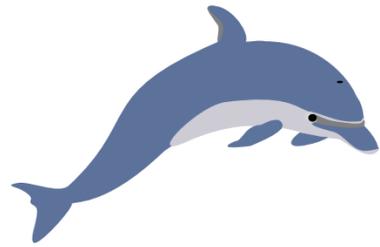
-  **Activity 1** - Students work together to connect the 5  threats to the corresponding stories. **(6-7 Years Old)**
-  **Activity 2** - Students cut out the 8 threats and place them under the associated illustrations. **(6-7 Years Old)**
-  **Activity 3** - The human species has an impact on  biodiversity: look at the 2 illustrations and identify the 6 differences. **(4-7 Years Old)**
-  **Activity 4** - Students reflect on the threats to biodiversity around their tribe.  **(4-7 Years Old)**

 Projection possible on a board.

 To be scanned and sent by mail to 

[education@spindriftforschools.com](mailto:education@spindriftforschools.com)

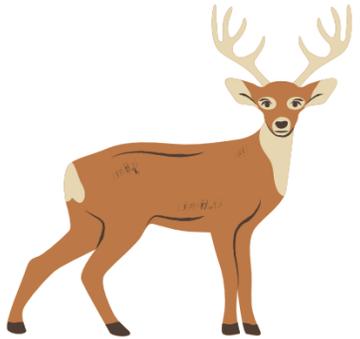
## Activity 1 - Connect the 5 threats to the corresponding stories



When I eat, sometimes I ingest plastic, it causes me serious problems because it accumulates in my stomach.



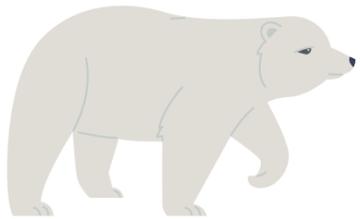
Global warming



I used to live in the forest with my family, but a road was built in the middle of it, so I am far from them now.



Overexploitation of wild species  
(overhunting, overfishing...)



I need the ice pack to live because that's where I hunt, where I rest and where I make my babies. But the planet is getting warmer and my ice pack is melting very fast.



Introduction of invasive alien species



I have been fished a lot, if this continues I could disappear from the oceans.



Pollution (water, soil and air)



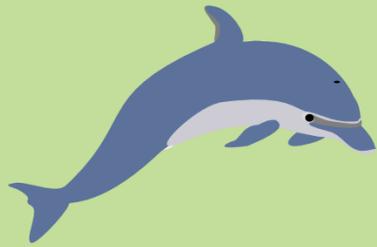
For some time now, I no longer live alone in my forest: grey squirrels have arrived from America. They eat my food and carry a virus that can kill me. I think that if this continues I will have to move.



The degradation of natural habitats  
(deforestation...)

## Correction

## Activity 1 - Connect the 5 threats to the corresponding stories



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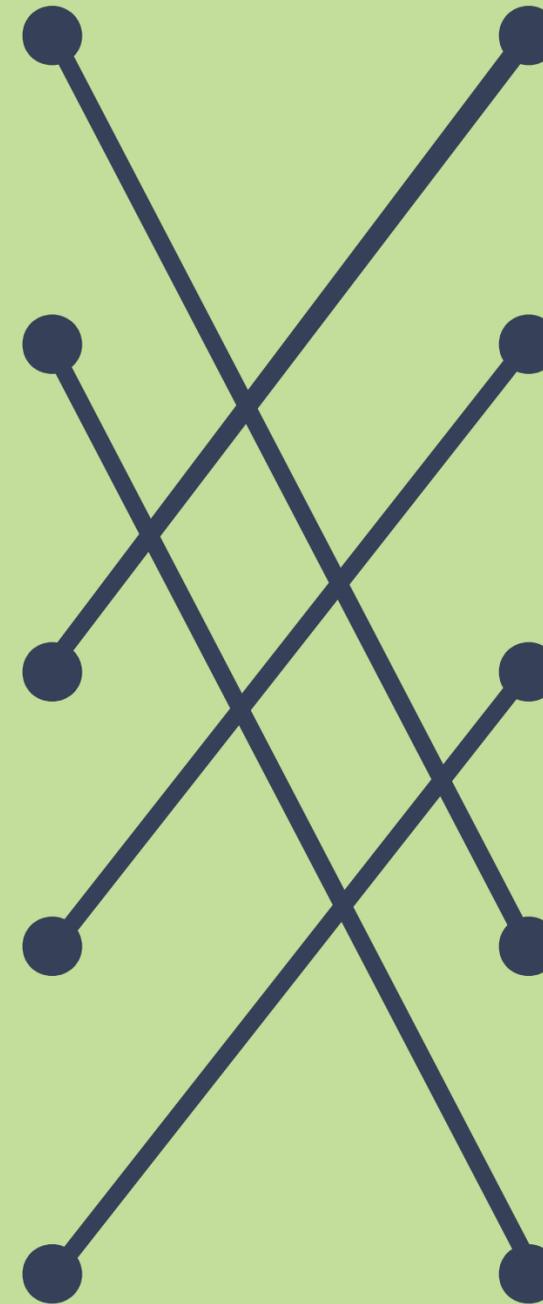
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Global warming

Overexploitation of wild species  
(overhunting, overfishing...)

Introduction of invasive alien species

Pollution (water, soil and air)

The degradation of natural habitats  
(deforestation...)

**Activity 2 - Place each of these 8 threats under the associated illustration**



Overfishing

Poaching

Overhunting

Global warming

Chemical pollution

Deforestation

Habitat destruction

Plastic pollution

**Correction**

**Activity 2 - Place each of these 8 threats under the associated illustration**



Deforestation



Overfishing



Habitat destruction



Overhunting



Global warming



Plastic pollution

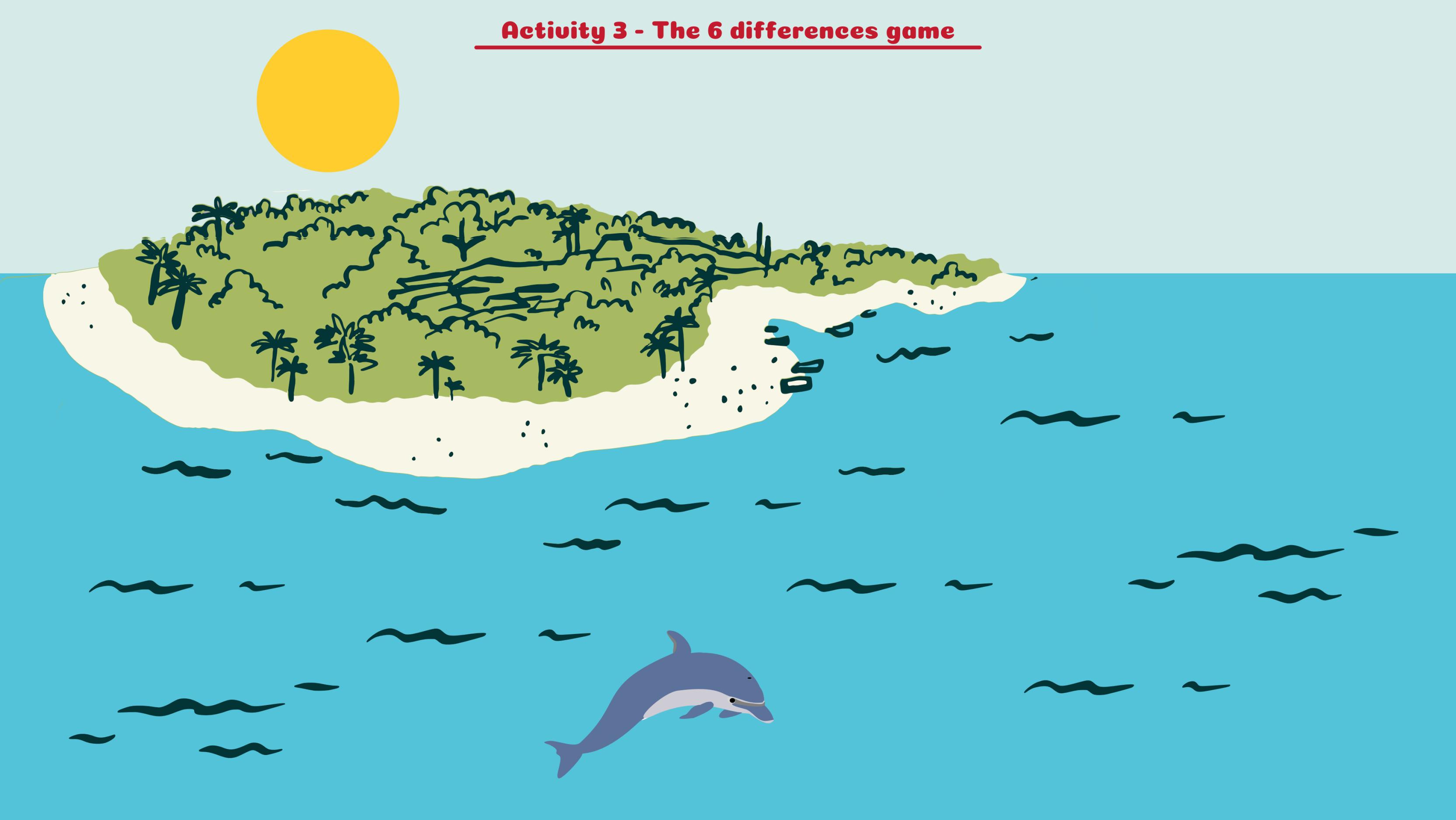


Chemical pollution



Poaching

### Activity 3 - The 6 differences game





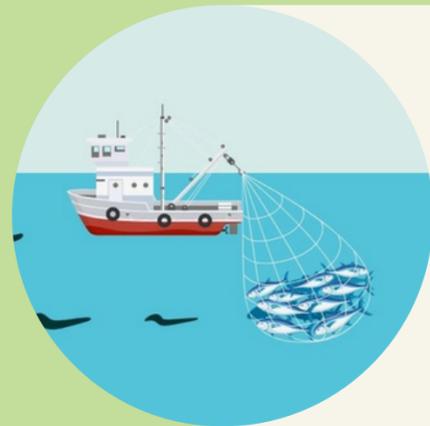
## Correction

### Activity 3 - The 6 differences game



#### 1. Building a city

The human species arrives on this island. A city is thus built, which involves the deforestation of the forest.



#### 2. A fishing boat

An industrial fishing boat is now around the island, it catches too many fish. We talk about overfishing.



#### 3. Cement plant

The inhabitants of the island need materials to build the cities. To produce cement, fossil fuels must be used, which will emit **Co2\*** into the air.



#### 4. Green crabs

When humans arrived on the island, they unwittingly brought green crabs with them. The green crab will pose a problem for other species and fragile environments.



#### 5. Plastic bag

Plastic is found in large quantities in the ocean. Dolphins can eat it unintentionally if they are very small or mistake it for food.



#### 6. Grey cloud

The air is now polluted because of the factories and the city. This causes big problems for the health of living beings, for the environment and for the climate.

**\* When we burn coal, oil or gas (our main sources of energy) we will release **carbon dioxide (CO2)**. It is the first greenhouse gas responsible for global warming, you know, the increase of temperatures on the whole planet and over a long period of time.**



Activity 4

**And you, around your tribe, what can threaten biodiversity?**



A large rectangular box with a solid black border, containing four horizontal dashed lines for writing.