



LESSONS IN CONSERVATION

SERVING TO SAVE

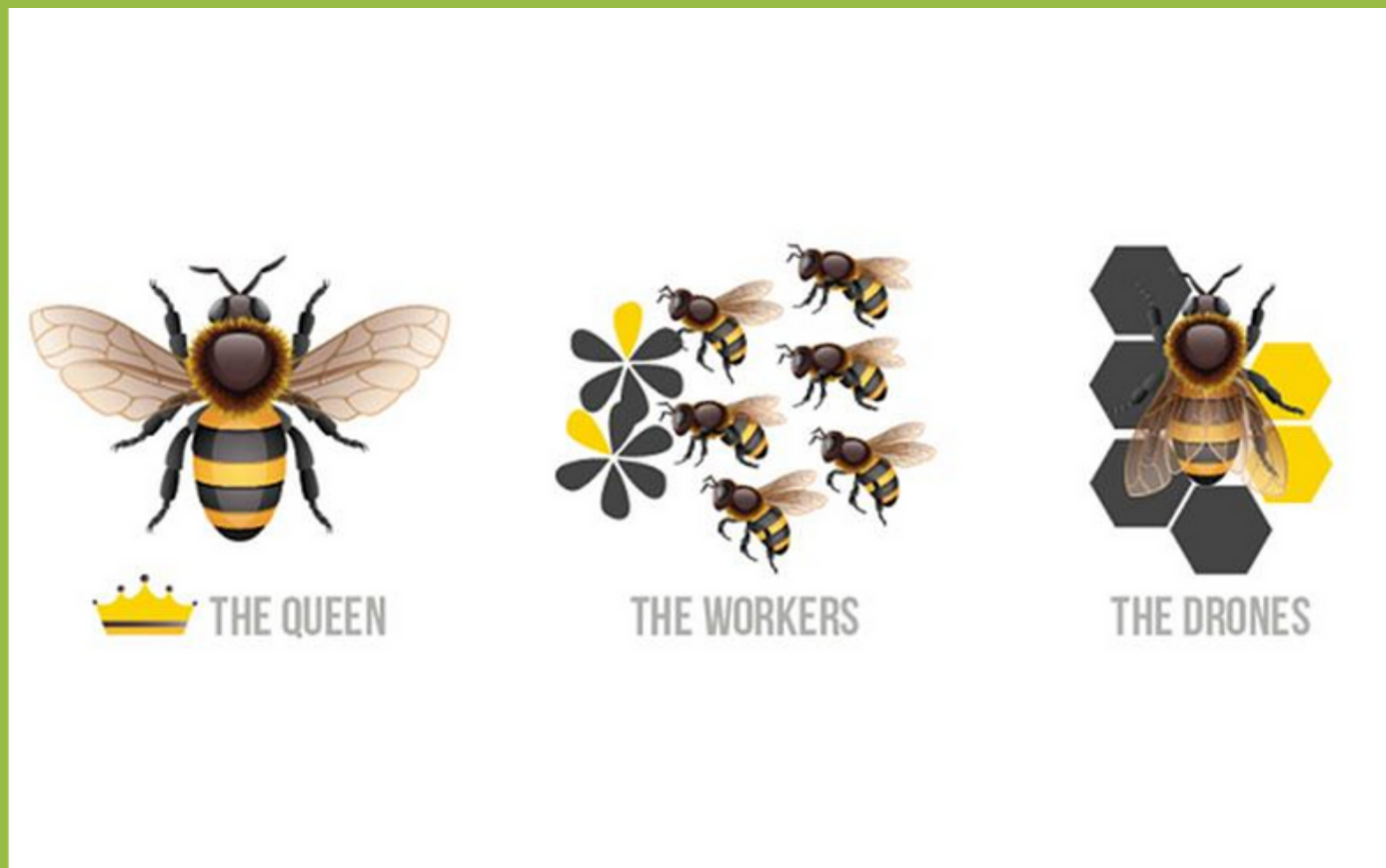
Gr 6- Lesson 2

Be part of the circle of life



WE CAN LEARN A LOT FROM NATURE AROUND US

All around us we see nature working together
Teamwork is good because you can do more together





WHY DO
YOU THINK
ANIMALS
WORK
TOGETHER?



THEY WORK TOGETHER FOR...



Food



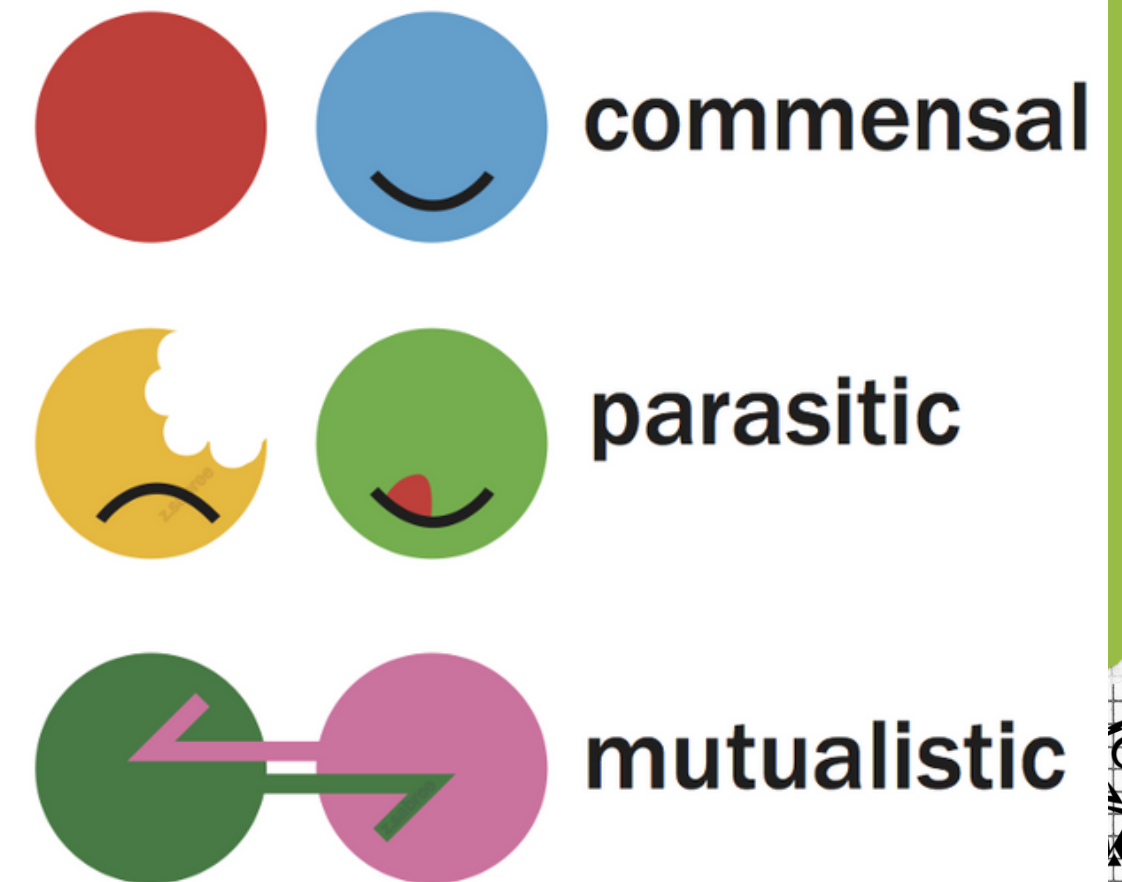
Protection



THERE ARE 5 MAIN SYMBIOTIC RELATIONSHIPS:

1. Mutualism
2. Commensalism
3. Predation
4. Parasitism
5. Competition

Symbiosis is any type of a close and long-term biological interaction between two different biological organisms



1



MUTUALISM

Both benefit

E.g. Oxpecker and Rhino

2



COMMENSALISM

One benefits and one is unaffected

E.g. Cow walks through grass and stirs up bugs for the birds to eat

3



PARASITISM

One benefits and the other is harmed

E.g. Tick on a dog





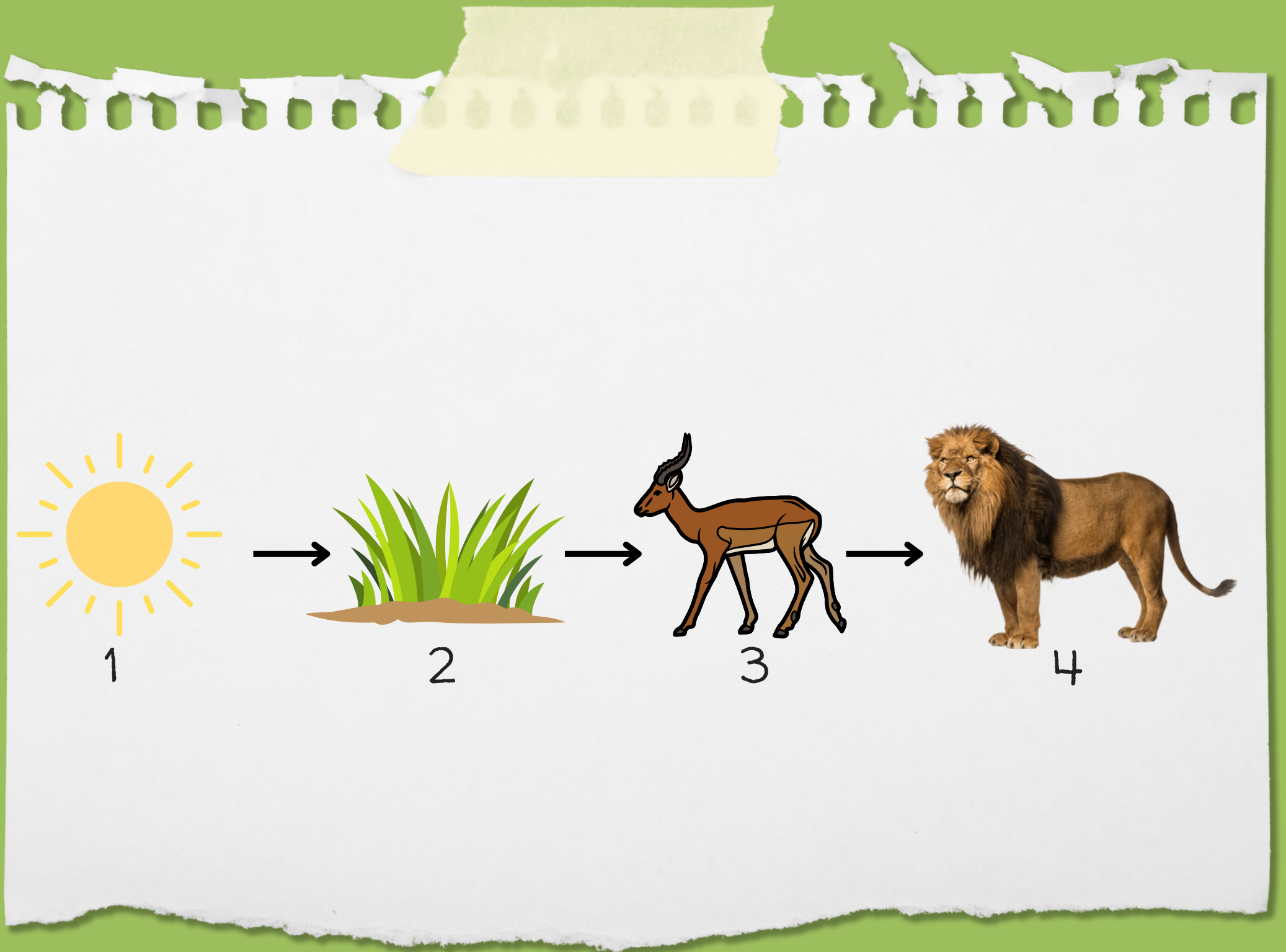
LET'S WATCH A VIDEO



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THE FOOD CHAIN

A series of organisms each dependent on the next as a source of food.



WHAT IS AN ECOSYSTEM?

A geographic area where plants, animals, and other organisms, as well as weather and landscape, work together to form a bubble of life.



ECOSYSTEMS ARE MADE UP OF DIFFERENT PARTS THAT FIT TOGETHER.

1



ABIOTIC

Things that are **non-living**.

2



BIOTIC

Things that are **living**.





TIME FOR AN
ACTIVITY





Everything has to **interact** to survive. The organisms depend on each other.

Every organism forms a link in a chain. If one species goes extinct the system can't function.
Conservation is important!



WHAT ARE ENDANGERED SPECIES?



A **species** can be an animal, a tree, a coral, a fungus, a human, an insect, or any form of life on this planet.

Experts decide when a specie is **endangered** or not. They look at:

1. Is the species habitat disappearing?
2. How many of the specie is left?
3. How quickly are the number of species getting less?

THERE ARE 3 CATEGORIES OF ENDAGERED SPECIES:

CRITICALLY
ENDANGERED

ENDANGERED

VULNERABLE





EXTINCTION



If species are endangered and they keep disappearing due to habitat loss or poaching then they could become **extinct.**

Some animals are considered **extinct in the wild**. This means that the only surviving members of the species live in captivity, like in a zoo.



Extinction is the **complete disappearance** of a species from Earth





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