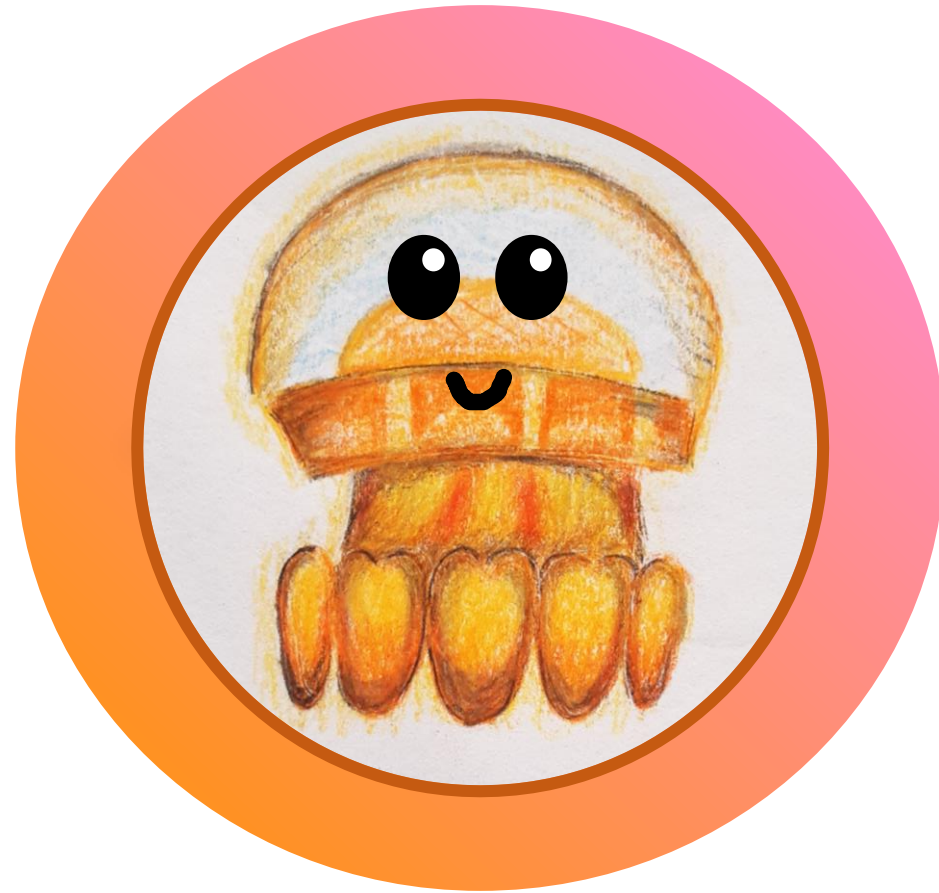


Welcome to this interactive slideshow.

- Please download this slideshow and on the **Slideshow** tab in PowerPoint, please click **play from start**.
- Then, once you click on the yellow button, the slideshow will begin.
- You'll be provided with on-screen prompts to click on buttons as the slideshow continues.
- I hope you'll have a good time.



Click

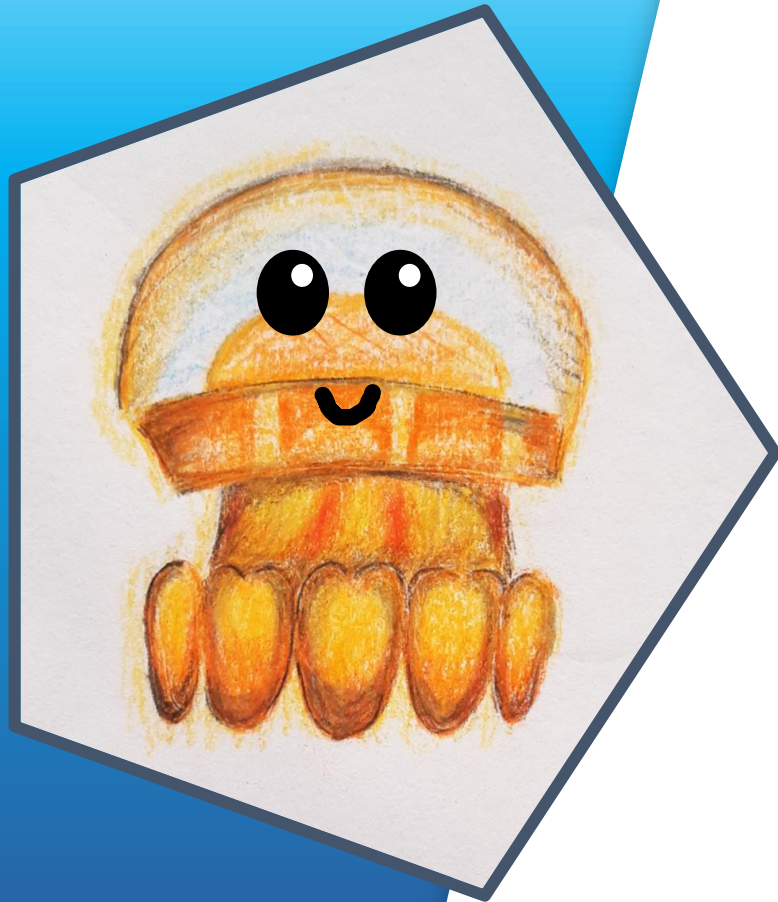


Nearly there.....





**Golden Jellyfish
&
Solar Energy**



Hello there,

How are you doing?

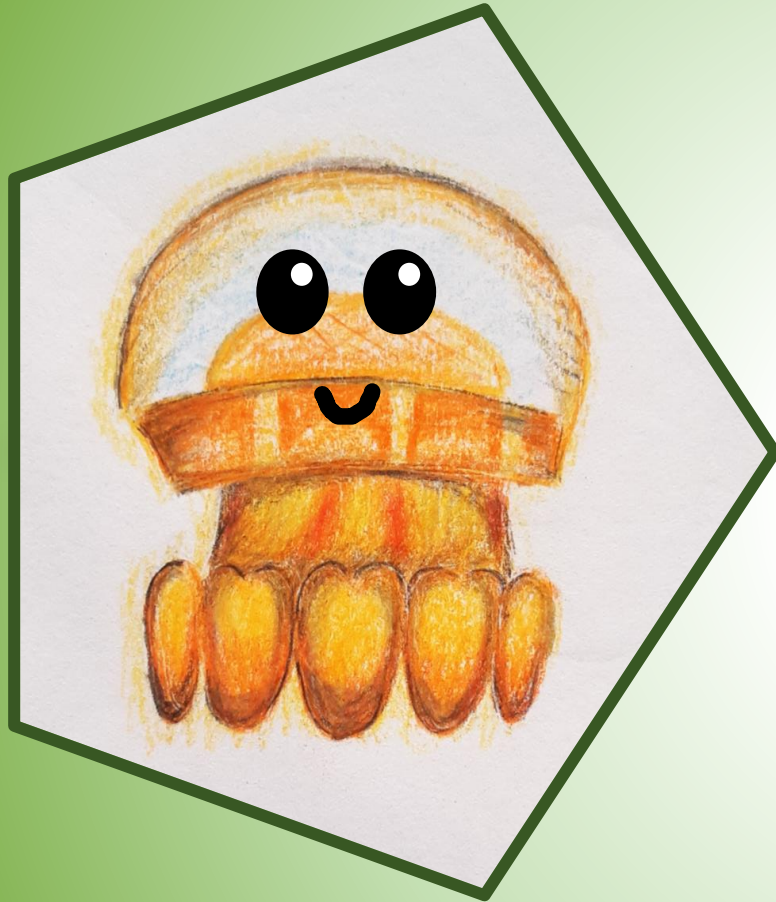
I'm Daisy and I'm a Golden Jelly Fish. I live in Jellyfish Lake in an island of Palau. Today, I'm going to tell you how I'm connected to Solar Energy. To do that, we have to explore Energy first.

So are you ready.....Let's go

Click

....so what exactly is
Energy?





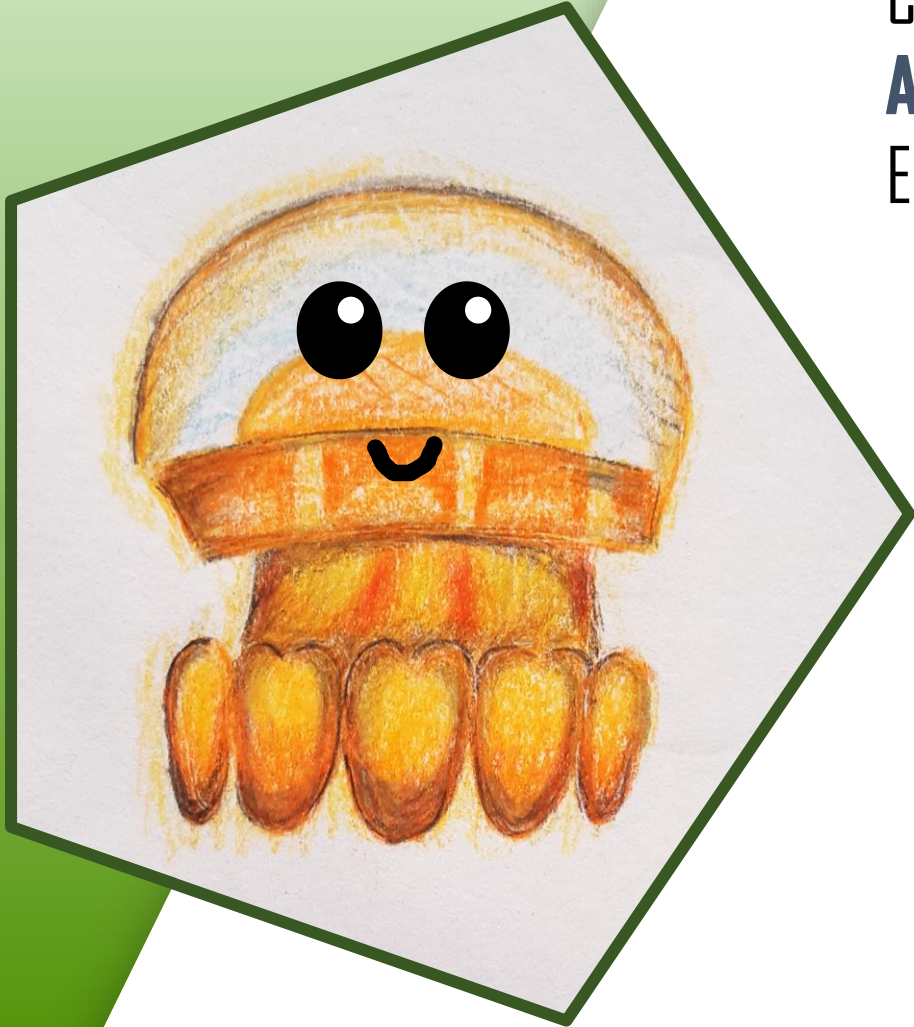
Energy allows
WORK to be done

Click



...and **Energy Sources**
are places where we can get energy
from.





Click on the **NUMBERED ARROWS** to see a few types of Energy sources.

1.

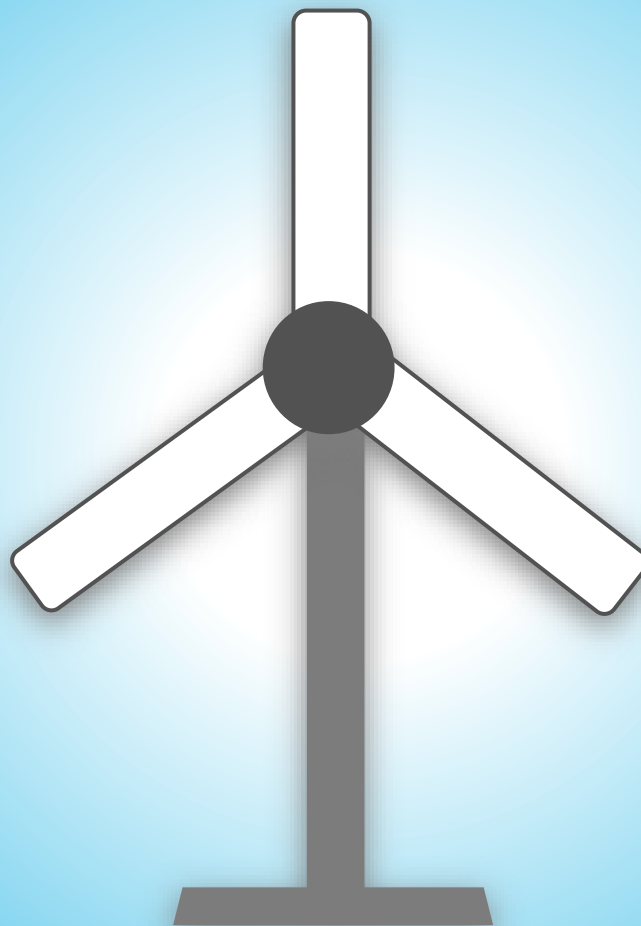
2.

3.

1.

2.

3.



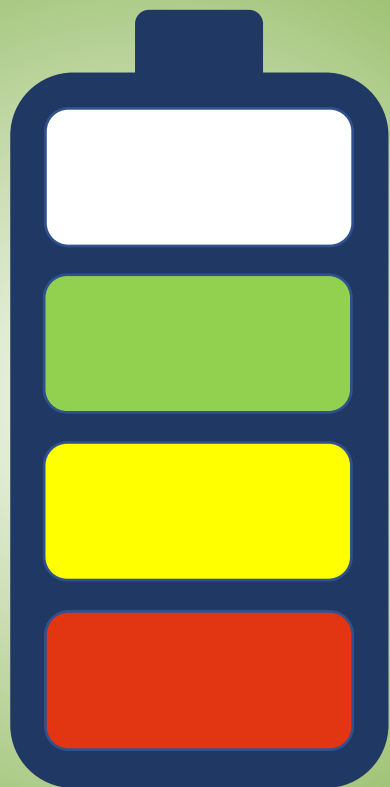
Wind Energy



1.

2.

3.



**Chemical
Energy**

1.

2.

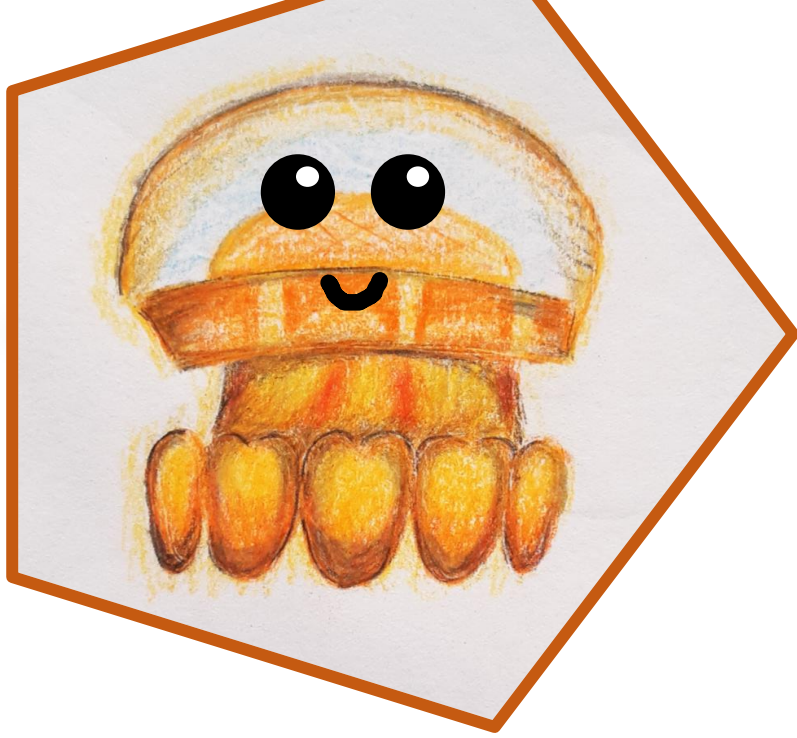
3.

Click



Solar Energy



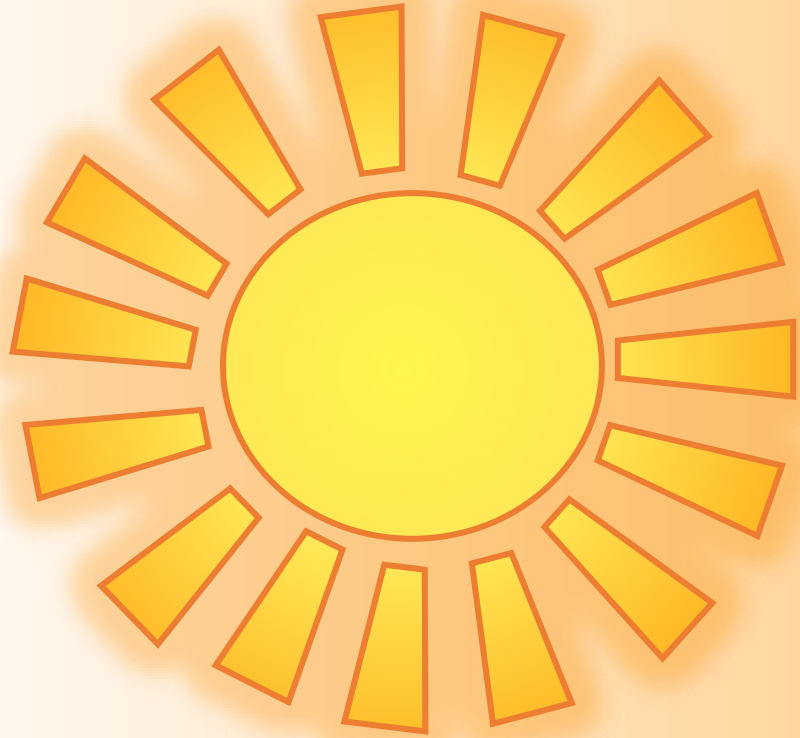


Today, we're going to focus on

Solar Energy.

Click 





Solar Energy is so important for us and our planet as it's crucial for to happen. **LIFE**

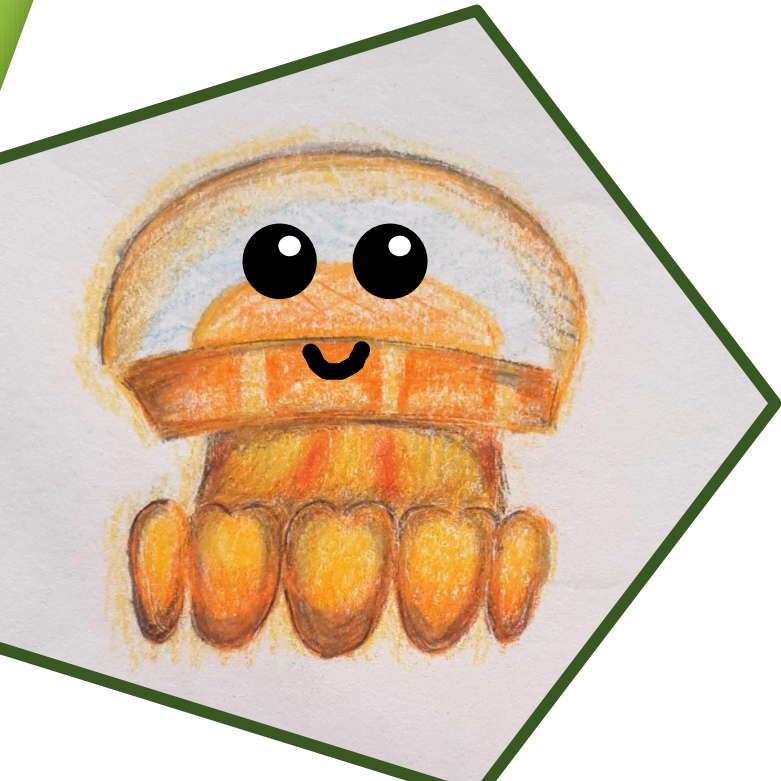
Click



We need a gas called oxygen to survive. The
Trees and plant around us produce oxygen
through a process called

PHOTOSYNTHESIS.

Click 



OXYGEN

**CARBON
DIOXIDE**



PHOTOSYNTHESIS is the way plants makes food using Carbon Dioxide, Water and sunlight or in other words solar energy.



WATER VAPOUR

As well as making food, they produce water vapour and oxygen



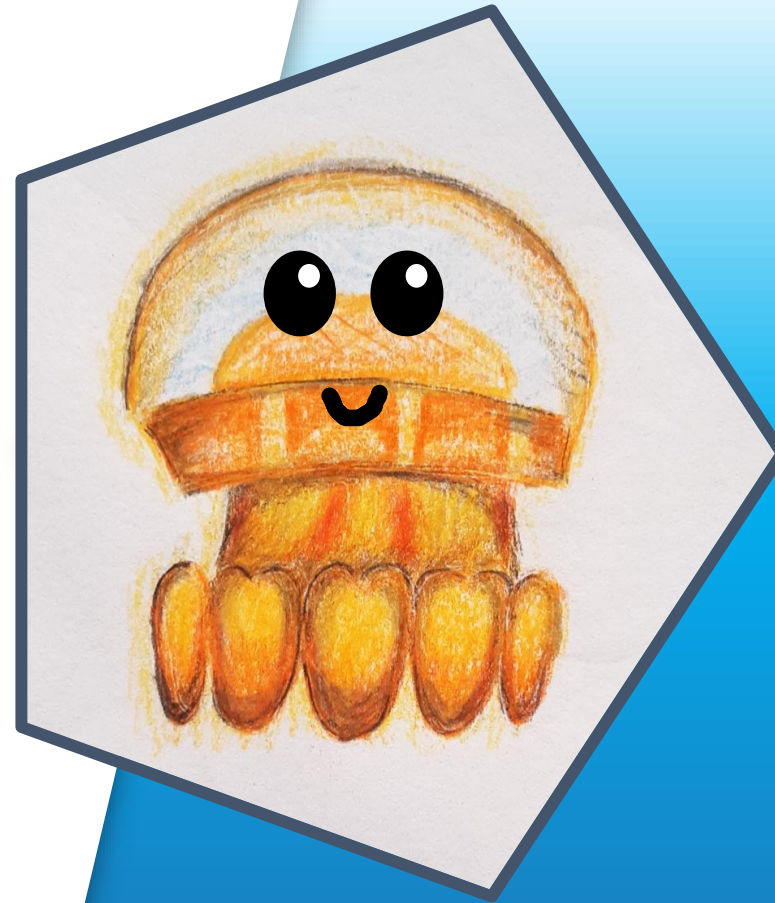
OXYGEN



Okay, now let me tell you about me.

You saw how plants depend on sunlight.
Just like plants, I also need sunlight to
survive.

How you ask?



Click



Us golden jellyfish have a small
microscopic organism called

ZOOXANTHELLAE

living in us.

Click 

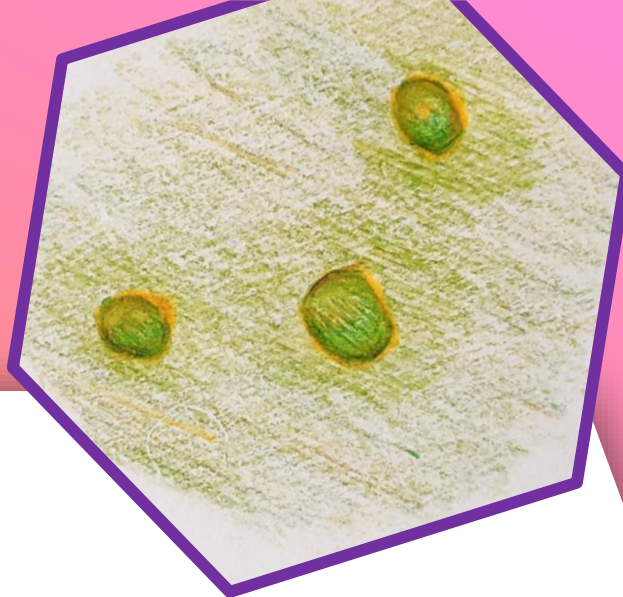


Click

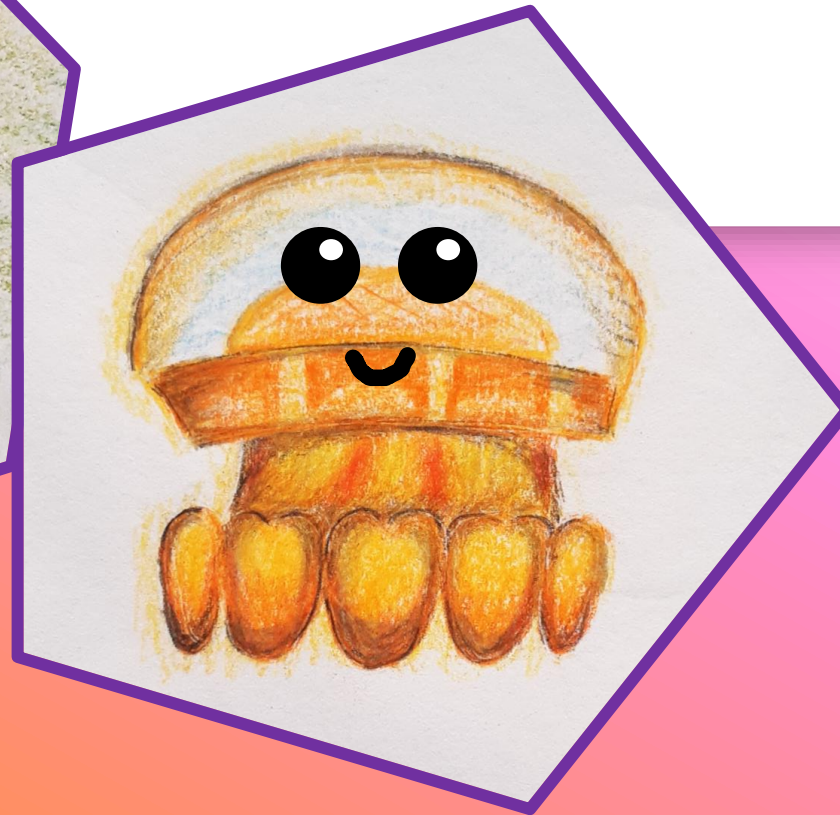
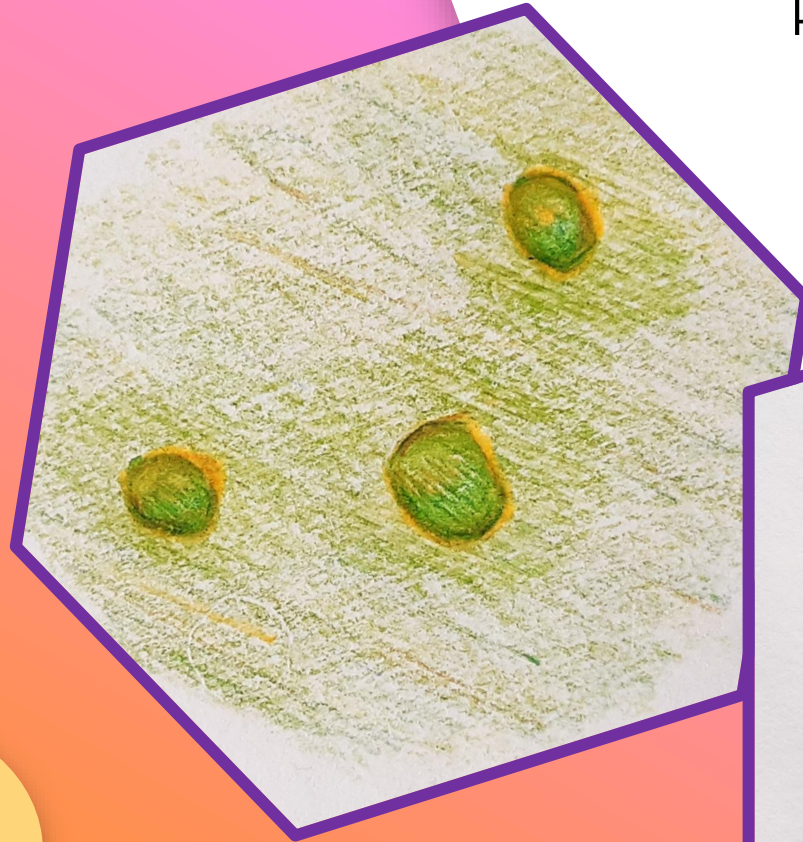
ZOOXANTHELLAE are a type of algae that are symbiotic. This means that they benefit from us, and we benefit from them.

You could call us a super team.

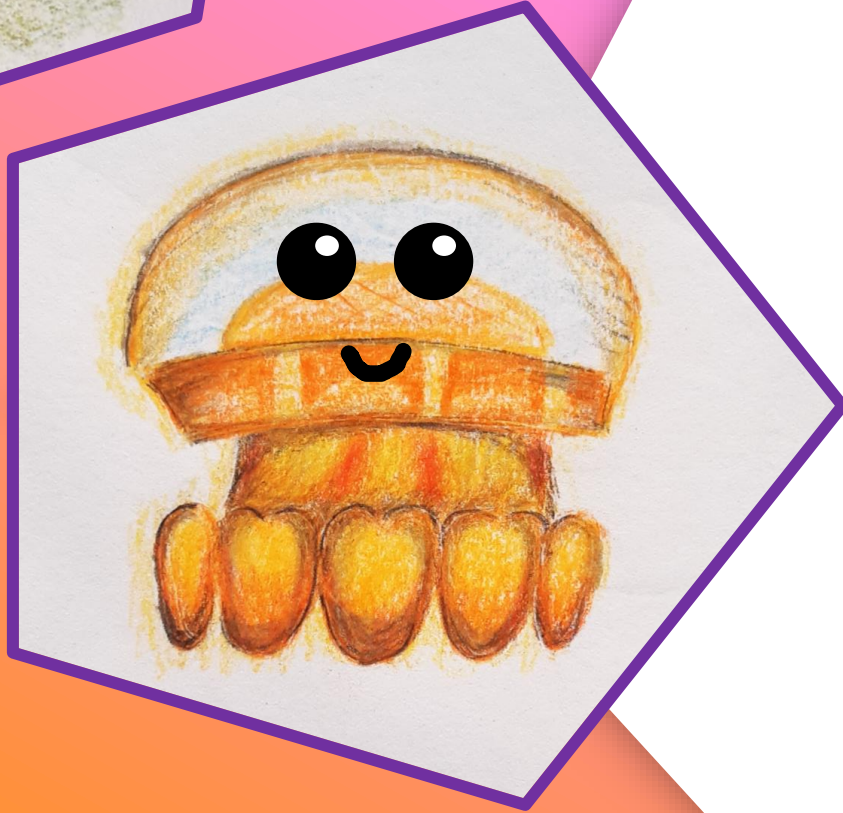
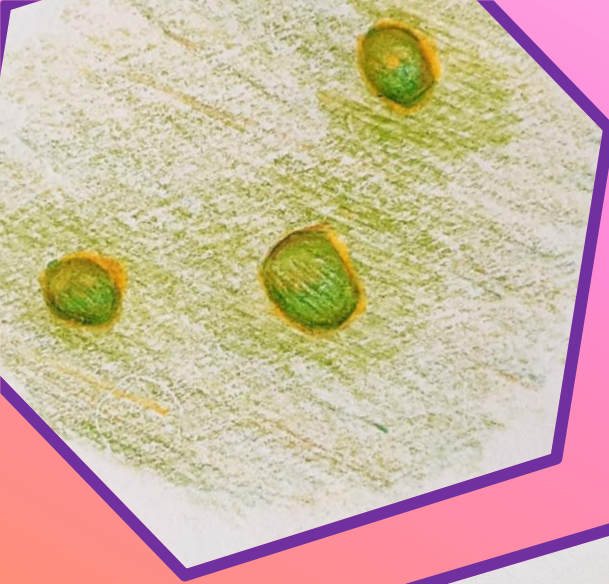
You must be wondering how this happens.....



Well, we provide a **HABITAT** for this algae, and they give us **ENERGY** and **NUTRIENTS** through photosynthesis. Like plants, they use sunlight to do this.



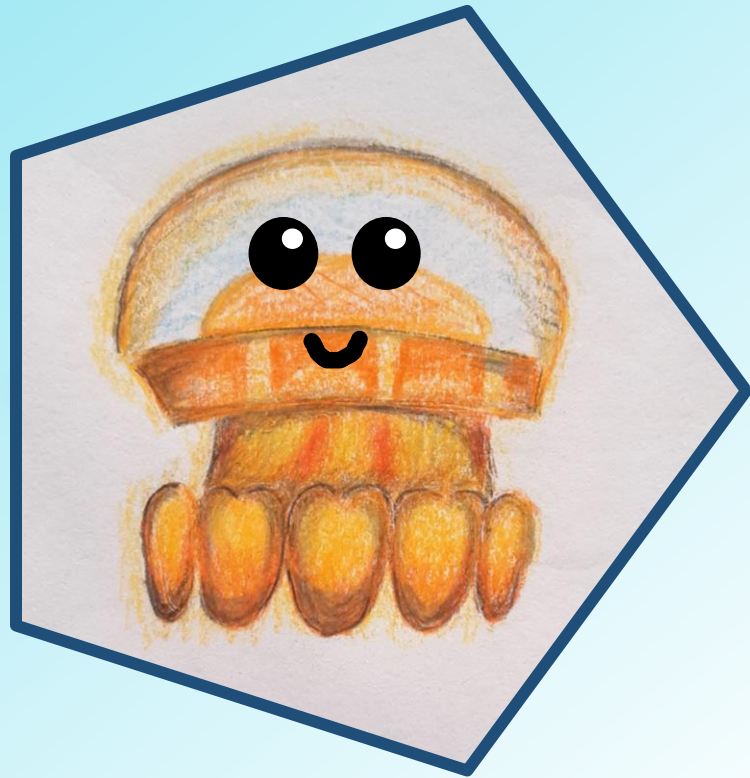
Click



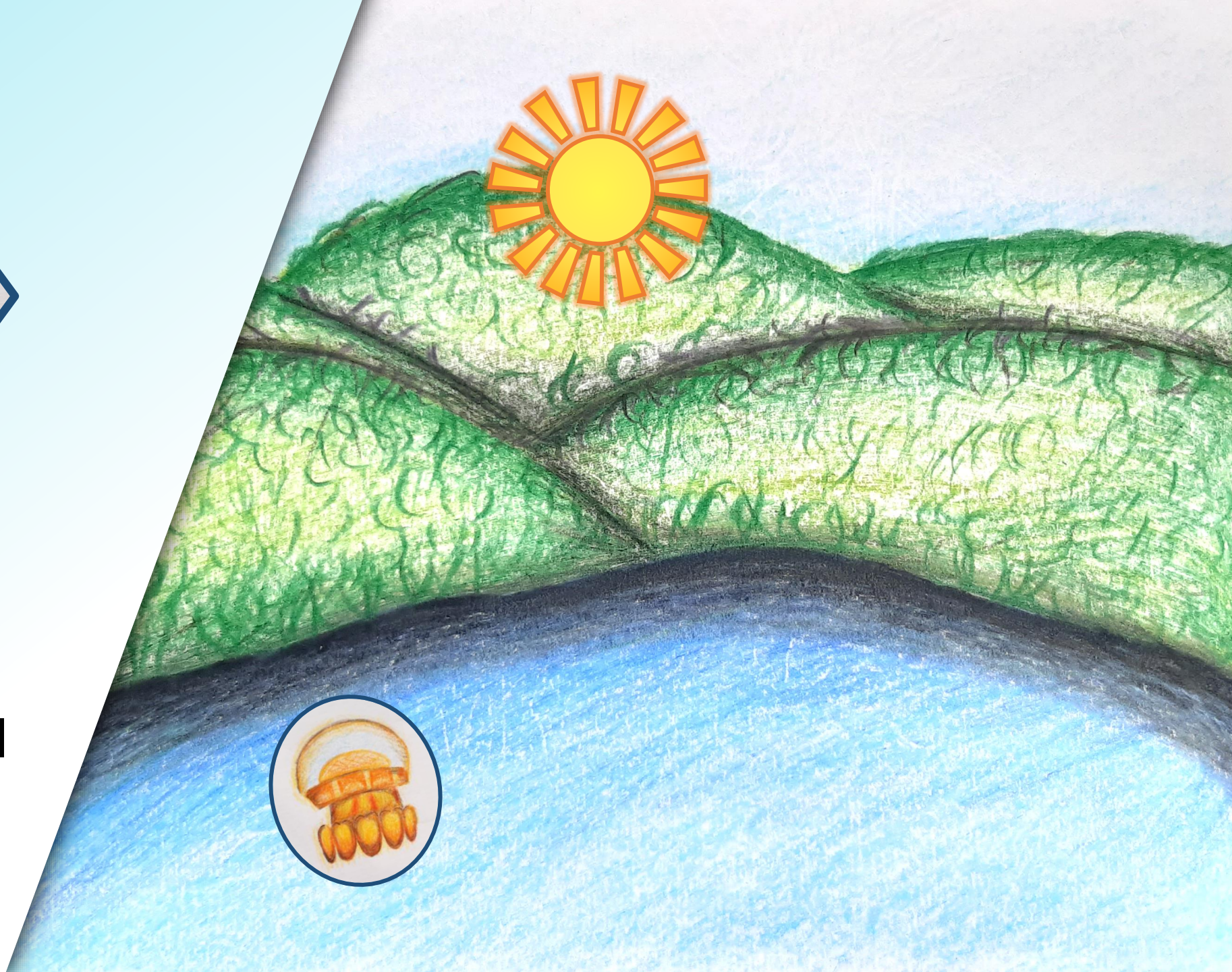
Carrying our zooxanthellae friends we swim in our lake all day trying to get as much sunlight as we can, but we **don't** just randomly swim around, we have to be prepared.

So how do we do it?

Click 



**Click on the small
jellyfish.....**





Click

When the sun rises, we swim **east** towards to sun.

When we reach the shadows created by the trees around, we stop.

When the sun begins to set, we start swimming **west**, still following the sun.



We don't like swimming to the edges as our predators live there.

What lives there you ask?



Click

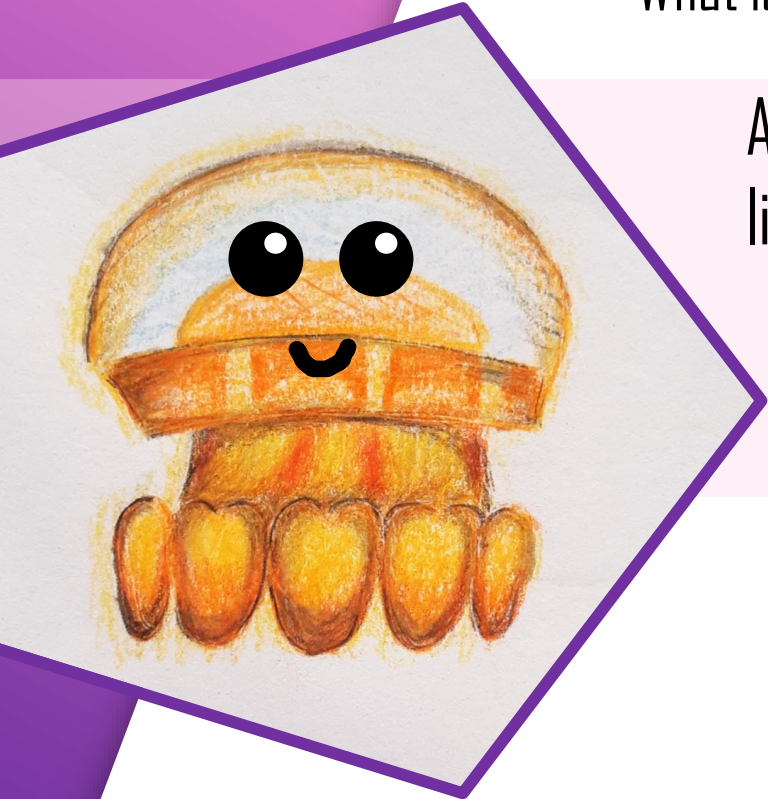
An organism called **entacmea medusivora** feeds on us. They are a type of anemone.



What is an **ANEMONE?**

← Click
twice

Anemones are carnivorous organisms that live in aquatic habitats.



Click

Thankfully, there aren't a lot of different predators here trying to make us lunch.

As a result we don't have a strong sting, but we still have a light one.

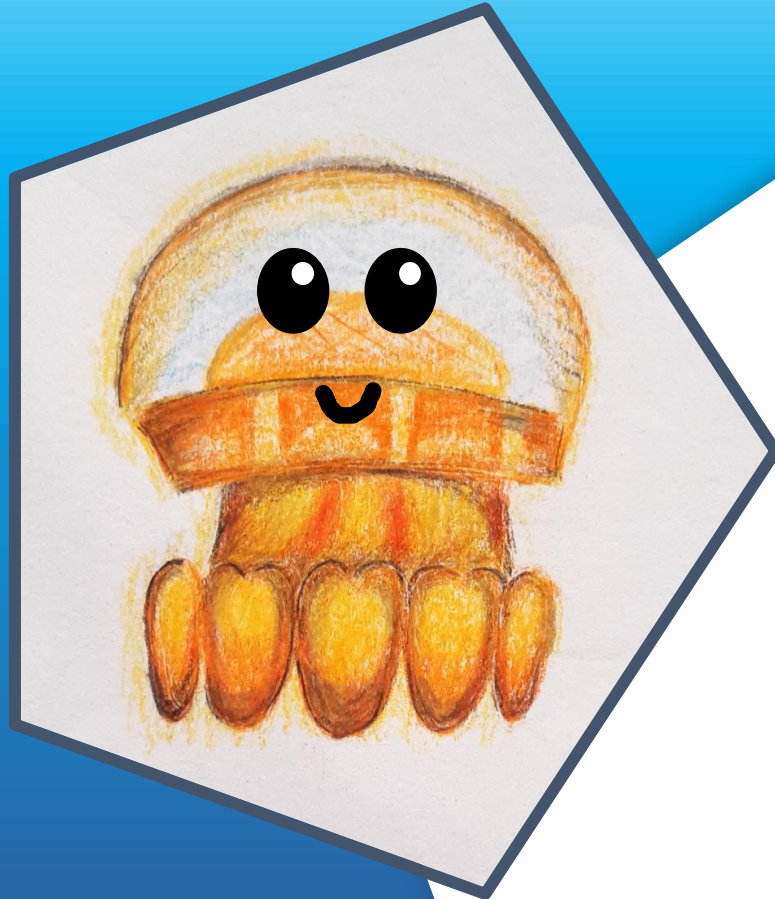
So if you ever come to visit us,

BE VERY CAREFUL.



Click

Click

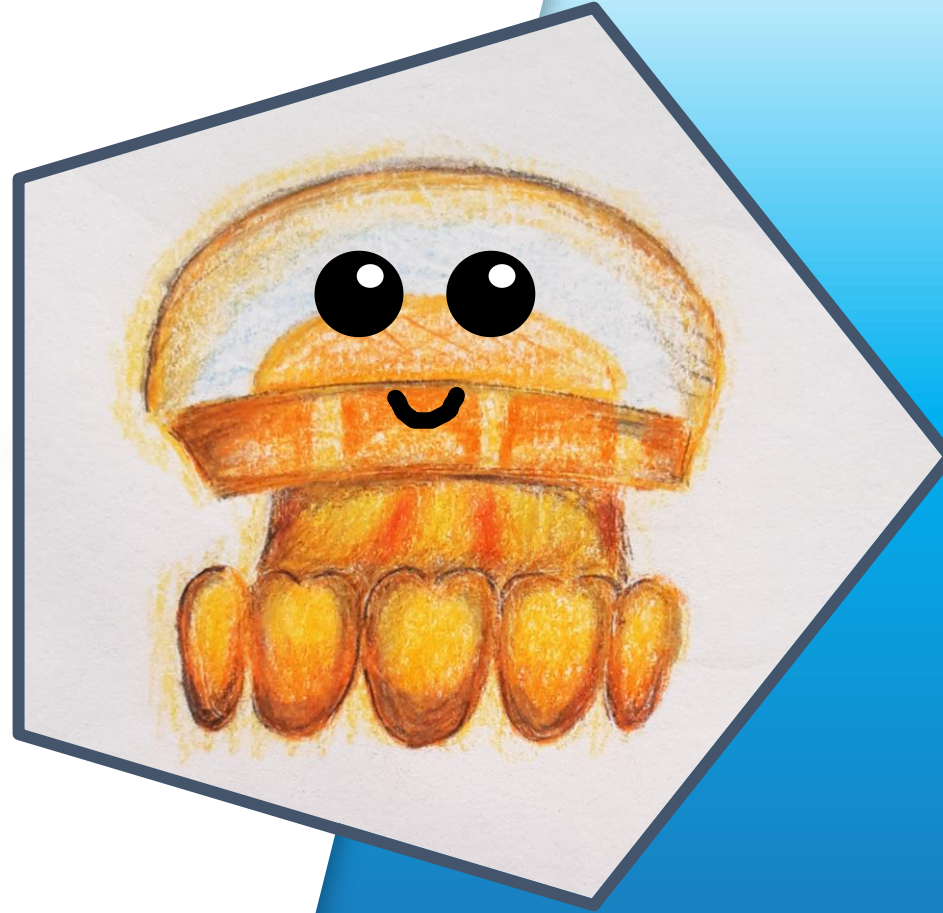


That's the end of our journey.


I hope you got to see how **Golden Jellyfishes** are connect to **Solar Energy** and how it's so **important** for us.

I hope you had a lovely time with us.

Thank you and take care.







**Golden Jellyfish
&
Solar Energy**



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Exit