

Adeline-Will-Jameson-Eliabeth

intro

Welcome to the our great light experience. I know what you're thinking, lightbulbs, the sun, etc. But, it's all about bioluminescence.

We are going to show you bioluminescence on land and water. We are also going to show parasites and animals that have bioluminescence.

We have spent a long time using our resources to find a lot of information for bioluminescence. We hope that you enjoy this topic as much as we did.

We are very happy you're here with us to share this amazing adventure. First we will start in the Sparkling sea, it's a very pretty place.

sparkling sea

We are going to venture over to the Sparkling Sea now. ( click on the sparkling sea section)

The Sparkling Sea is all about dinoflagellates. (Pronounced dinoflagellates, read first screen to learn more.)

(Swipe over four screens over)First we're going to learn how a bioluminescent bay is made. It goes through many phases, one of

*them is photosynthesis. (Tap the orange spots from top to bottom, don't forget to read the captions!)*

Now we are going to see a diagram showing a dinoflagellate called *pyrodinium bahamense*. Don't worry, we don't know how to pronounce it either!:(swipe two screens back and tap the orange spots from top to bottom, read the captions)

(Swipe back one screen) Now we're going to look into dinoflagellate diversity. Dinoflagellate diversity is all about where dinoflagellates are found. I know this sounds boring, but trust me, it's not.(Read the caption and then read the orange instructions, find the images at the top of the slide)

(Swipe two over to **night and day** then slide the orange tab, read while sliding)Now we're going to learn about Night and Day. Basically what that means is that dinoflagellates will go up to the top of the water and soak up the sun for the night, when it goes back down to the bottom of the ocean, it will glow all of the bioluminescence out. As you can see it's very cool.

(Now swipe over two screens) We are going to learn about **Fascinating Rhythm** now. (swipe down one screen) Now we are going to read **Simple Problem** and **Strange Result** (swipe down one) Last thing we are going to read **Circadian Clock**.

So, have you guys been having fun? If not, watch this video about dolphins swimming at night in dinoflagellates!(Swipe over two screens to watch!)

*Now we are going to learn about how when you put objects under black lights what will happen well if you say you put a 5 dollar bill under a black light it would shine blue because of*

bioluminescence. Bioluminescence is what makes it glow,bioluminescence also creatures like fireflies, termites, and some water animals!

### *Enchanted evening*

*Tonight we will be learning about fire flies and even glowing click beetle mounds and the things you need to know about bioluminescence.fireflies have glowing parts on there bodys. Such as the bottom wings lets the bioluminescence throw its skin. Click beetle lava are put in termite mound then they turn into click beetles then they leave the whole thing there is even a glowworm cave the glow worms even go into shapes like vines or roots\\]*

*\\]*

*Now we will be learning more about alterd light if you go to page five, you will see a crystal jelley this jelley fish lives in the pacific ocean when this jelley fish*

