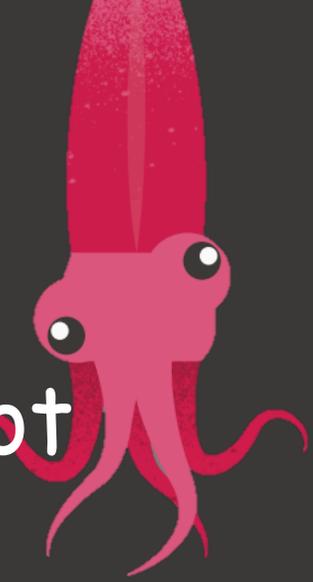
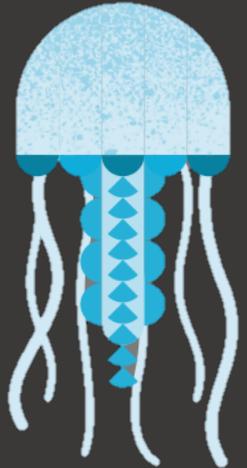


Who would live in a house like this?



Design a creature that would live in the boot  
of your car, the bottom of your bag or in a  
deep pocket!



What special adaptations/characteristics would it  
have?



# Adaptations to include!

- **LIVING IN THE DARK:** Explore how some animals have adapted to life without light and how they solve problems like finding food.
- **LIVING DEEP DOWN:** Explore bioluminescence in sea creatures and how it might be helpful for humans.
- **HEDGEHOG HIBERNATION:** Explore hibernation.

# Useful Links!

- More about the glowing spider worm [www.sciencealert.com/watch-meet-the-carnivorous-worms-that-make-caves-look-like-the-night-sky](http://www.sciencealert.com/watch-meet-the-carnivorous-worms-that-make-caves-look-like-the-night-sky)
- More about animals that live in perpetual darkness <https://news.nationalgeographic.com/2016/04/160415-life-in-the-dark-dumbo-octopus-glowing-squid-blind-salamander/>
- Watch a video of bioluminescent fish/marine life [www.youtube.com/watch?v=9HXXQBz6Vv0](http://www.youtube.com/watch?v=9HXXQBz6Vv0)
- How bioluminescence works <https://animals.howstuffworks.com/animal-facts/bioluminescence1.htm>
- Information on why some animals use bioluminescence <http://biolum.eemb.ucsb.edu/functions.html>
- Information about hibernation and aestivation <https://animalsake.com/difference-between-hibernation-and-other-types-of-dormancy>
- Hedgehog Street (a campaign to protect the hedgehog) <https://www.hedgehogstreet.org/about-our-hedgehog-street-campaign/>

# Questions...?

Many animals like the hedgehog hibernate during the winter. They need a safe place to stay. How can they survive in one place for so long?

Deep in the ocean, where it is very dark, some animals can create their own light using a process called 'bioluminescence'. Can you take inspiration from them?

Some animals live their whole lives in dark places, like the glowing spider worms that live in caves. But living without light can be really hard. How can they find food if they can't see?

Create a neat labelled diagram!