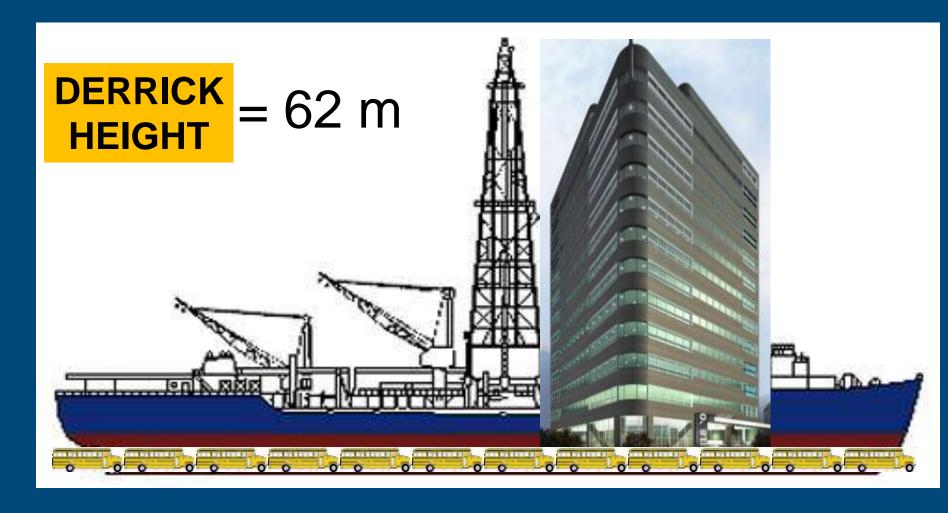


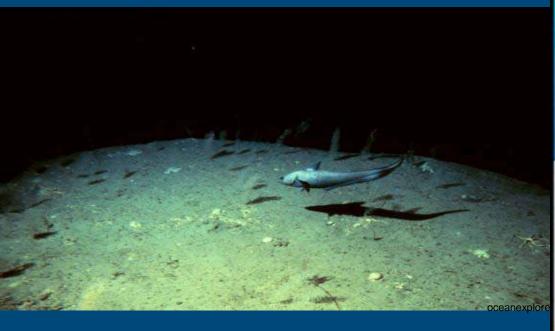
The JOIDES Resolution is BIG!

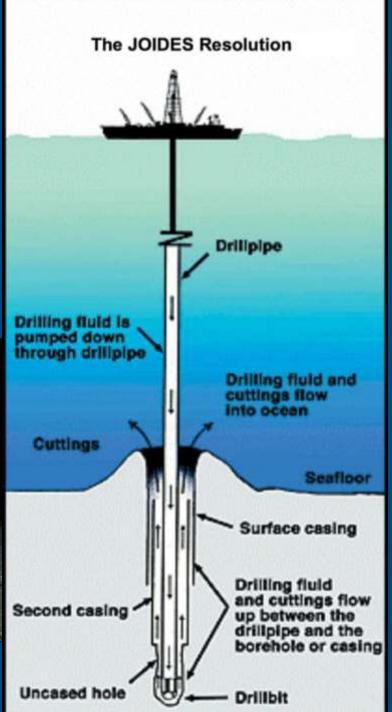


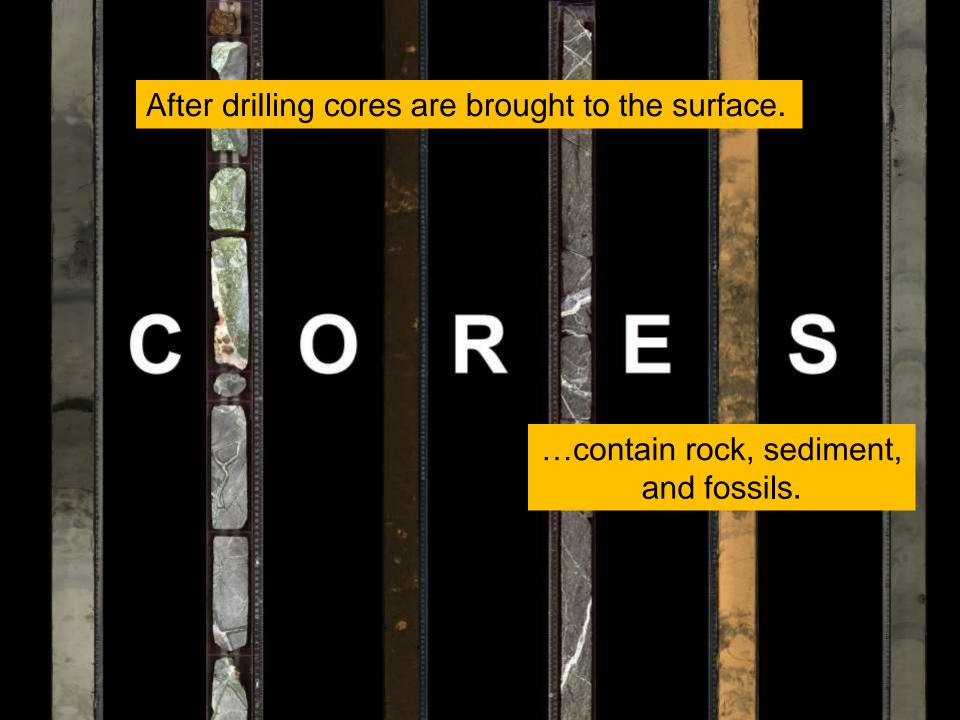
 $\frac{\text{LENGTH}}{145} = 145 \text{ m}$



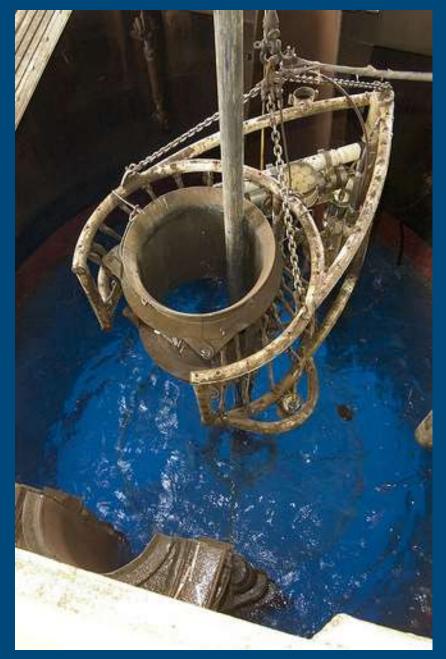
The JOIDES
Resolution can send
drill pipe up to
8 km below the
ocean surface











Cores hold clues about the past.



Cores help scientists study interesting and important questions.

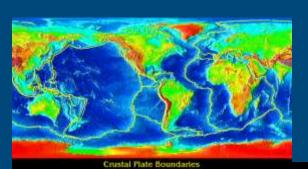
What caused the dinosaurs (and other organisms) to go extinct?

How has climate changed during the Earth's history?

How have past volcanic eruptions affected the Earth?

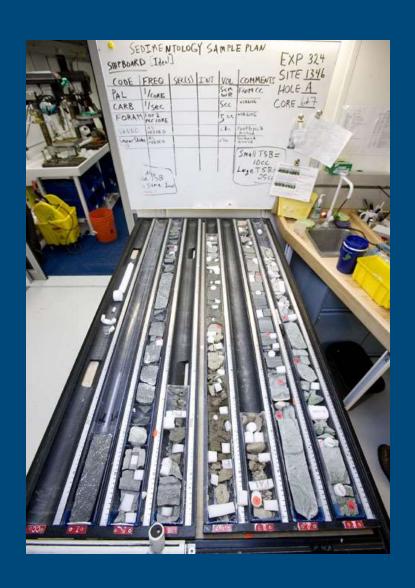


And many more!



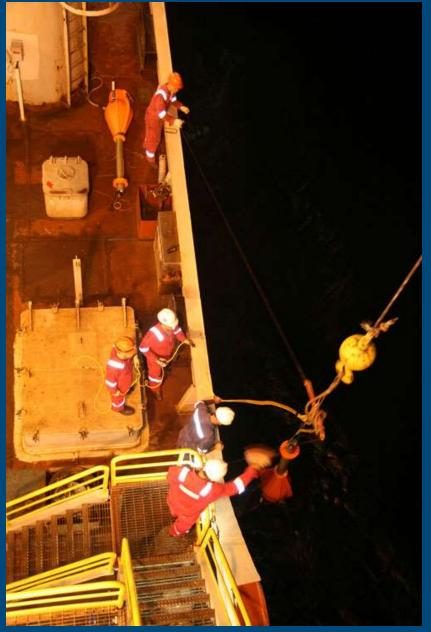
How do plate tectonics affect the ocean floor?

Lots of cores...lots of cool tools!









The ship never sleeps.



You can eat all of the time.









What is it like to live on the JOIDES Resolution?







Safety is very important.









- Why is JOIDES Resolution such a special boat? What can it do that other boats cannot do?
- •Can you remember some of the science research done on the boat?
- Can you name some jobs done on board?
- •Why do you think the boat never sleeps?
- •If you could do any job on the boat what would you do?