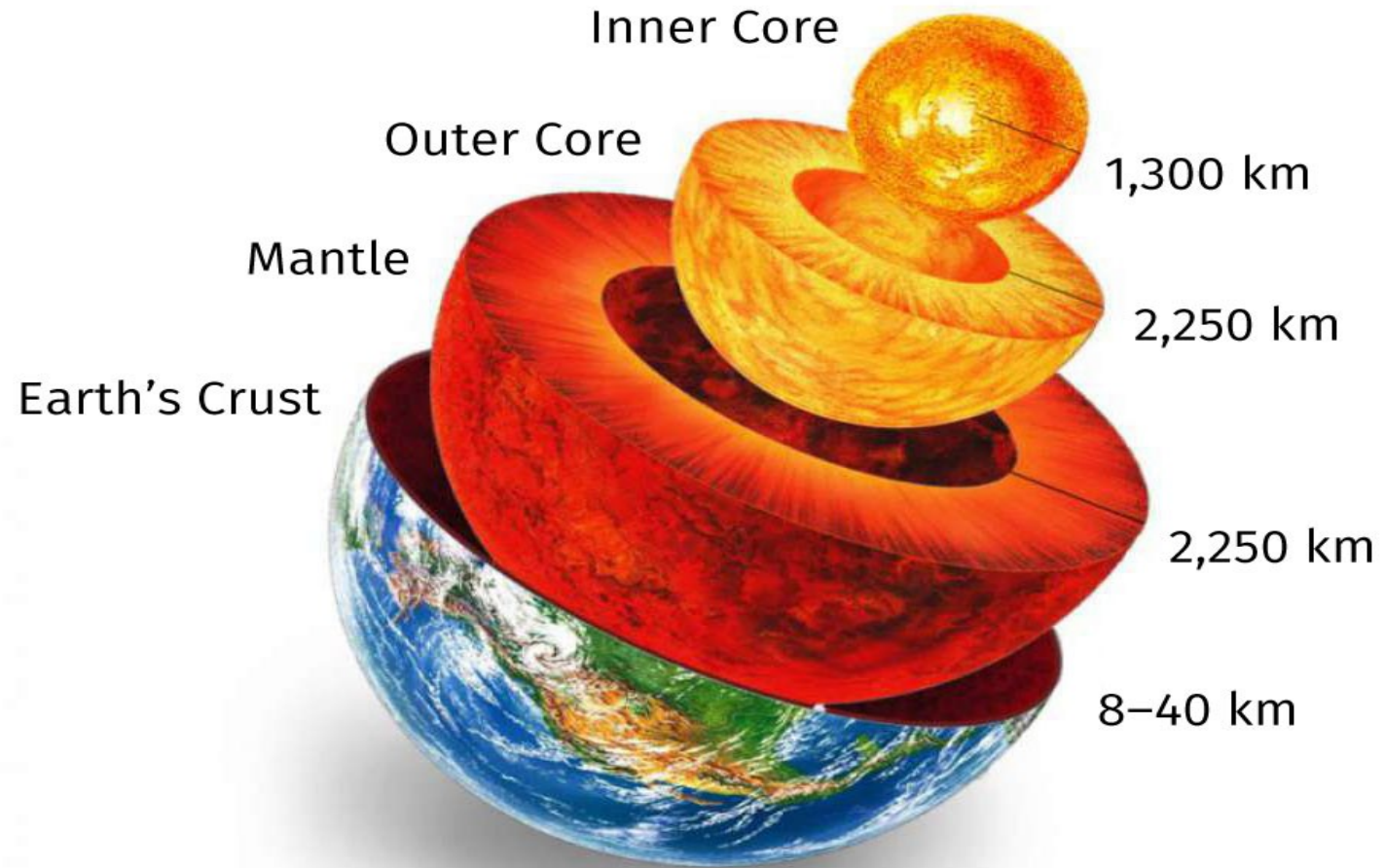



# 5 DYNAMIC PLANET





## IN THIS LESSON WE ARE GOING TO:

- revise the **vocabulary** from the previous lesson
  - revise the **grammar** (passive voice)
  - learn how to **describe** our planet and its processes
  - learn how to **use conditionals**
  - discuss **hypothetical situations**
- 



# WHICH ASSOCIATIONS DO YOU HAVE WITH THE FOLLOWING:

- Crust \_\_\_\_\_
- Mantle \_\_\_\_\_
- Core \_\_\_\_\_



# CONDITIONALS

Is the following sentence related to the past/present/future?

If there was a tunnel all the way to the core, how long would it take a skydiver to fall to the centre of the Earth?

# WHEN AND HOW TO USE THEM?

How do these sentences differ in the **meaning** and **structure**?

If you melt a rock, it becomes liquid. **Zero conditional**

If you touch this liquid rock, you will get hurt. **First conditional**

If I were you, I wouldn't touch it. **Second conditional** („were“ instead of „was“ should be used in all cases in formal English. „Was“ with „he/she/it/there“ sounds more natural in a spoken language but it's not a mistake to use both forms. In a formal context use „were“ all the time and you can't make a mistake. Only the phrase: „If I were you...“ requires always „were“ instead of „was“, even in a spoken language.)

If you had listened to me, you wouldn't have had to go to hospital. **Third conditional**

If you had listened to me, you wouldn't suffer so much now! **Mixed conditional**

# STRUCTURE

- Zero conditional – If + **present tense, present tense (fact)**
- First conditional – If + **present tense, will + infinitive (specific real situation)**
- Second conditional – If + **past tense, would + infinitive (hypothetical situation, unreal present)**
- Third conditional – If + **past perfect, would + present perfect (unreal past)**

## What is the difference?

Talk to him **when** you see him.

Talk to him **if** you see him.

## Wishes

I have a lot of work. – I wish I **didn't have** so much work!

I sent that e-mail without correcting the mistakes. – I wish I **hadn't sent** the e-mail! I wish I **had checked** it!

# DISCUSS

What would happen if ...

What will happen if ...

What happens if ...

magnetic field/disappear

heat/iron

enter/the core

the mantle/not exist

no nickel in the core

the crust/thicker than the mantle

the Sun/further from the Earth

only salt water on the Earth

no pressure in the core

the Earth/stop moving

Other topics for more creative minds ☺

diversification

desertification

extinction

geology

scientific research

fossilization

# SOURCES

- <http://the-dialogue.com/en/en66-how-plate-tectonics-is-connected-with-life-on-the-planet/> (picture)
- <https://www.youtube.com/watch?v=1f-duh6frmo> (video)
- <https://www.perfect-english-grammar.com/conditionals.html> (grammar)
- <https://www.ego4u.com/en/cram-up/grammar/conditional-sentences> (more grammar :-)
- <https://www.flo-joe.co.uk/fce/students/strategy/transfrm/conditn.htm> (more grammar – including all conditional structures)
- Kelly, K. *Science*. Macmillan Publishers Limited, Oxford 2008 (The layers of the Earth – vocabulary)