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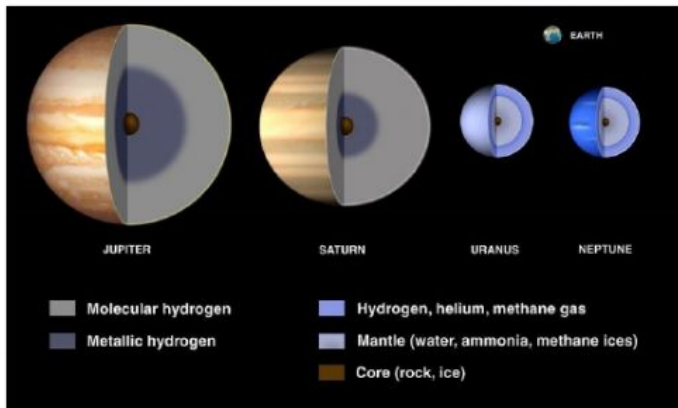
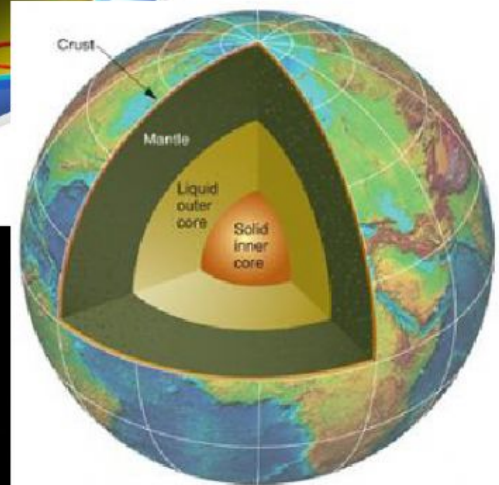
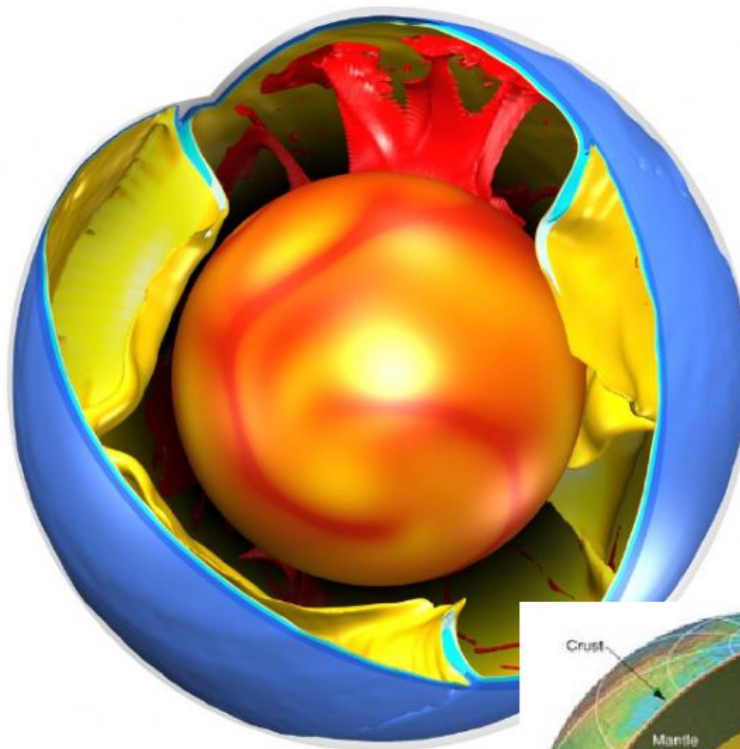
Core Earths about Worksheet الملف

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### 3.17 Earth's Core



1. What evidence is there that Earth's core is metal?

2. What evidence is there that the outer core is molten?

3. Why does Earth have a magnetic field?

1. What layers does the core have within it according to the study described in this video?

2. How deep is the core? What is its temperature?

3. What clues do researchers use to “see” what is in Earth’s interior?

4. What was the inner core thought to be previously?

5. What do scientists now think is inside the core? How big is it?

6. What is the interior made of? How do scientists know this is different from the material outside of it?

7. How are crystals aligned in the inner and outer inner cores?

8. Why is this information important?