

# Plate Tectonics

Warmup questions

---

---

---

---

---

---

---

## Ch 4 Vocabulary

- |                        |                        |
|------------------------|------------------------|
| 1. asthenosphere       | 6. mid-ocean ridges    |
| 2. convection          | 7. Pangaea             |
| 3. convergent boundary | 8. plate tectonics     |
| 4. divergent boundary  | 9. subduction zone     |
| 5. lithosphere         | 10. transform boundary |

---

---

---

---

---

---

---

Wednesday, October 27

Q: Define the terms 'Pangaea' & 'Panthalassa'.

Copy Vocabulary Ch 4 terms (due tomorrow)

Today: Plate Tectonics lecture/notes

Turn in Know Thy Textbook Ch 4 (last 5 min)

---

---

---

---

---

---

---

Friday, October 29

Q: Describe 2 types of evidence to support the theory of continental drift.

Today: copy 4.1/4.2 questions (yes, all 20 of them)

we will answer and share on Monday

Notes 4.1/4.2 checked Monday

Tuesday – Chapter 4 review

Wednesday – Chapter 4 Test

---

---

---

---

---

---

---

---

Monday, November 1

Q: Who proposed the theory of continental drift & what does the theory say?

Today: 4.1/4.2 questions (share & turn in)

Notes 4.1/4.2 checked Monday

Tuesday – Chapter 4 review

Wednesday – Chapter 4 Test

---

---

---

---

---

---

---

---

Tuesday, November 2

Q: How do convection currents cause plate movement?

Today: Chapter 4 review p.78-79 #1-14

Show me 4.1/4.2 questions & answers

Wednesday – WebQuest (computer lab)

Thursday – Study Questions

Friday – Chapter 4 Test

\*1<sup>st</sup> Triad makeup work is due by next Wed.\*

---

---

---

---

---

---

---

---

Wednesday, November 4

Q: Explain the process of seafloor spreading.

---

---

---

---

---

---

---

Friday, November 5

Q: Explain how marine fossils might end up on mountains.

(hint: use the theory of microplate terranes.)

**Today: Review Study questions**

Show me 4.1/4.2 notes

(and any other chapter 4 work)

**Chapter 4 Test Monday**

---

---

---

---

---

---

---

## Chapter 4 Study Questions

1. What does Wegener's hypothesis of continental drift say?
2. What kinds of evidence support Wegener's hypothesis of continental drift?
3. What is seafloor spreading and how does the process of seafloor spreading work?
4. What does the theory of plate tectonics say?
5. What are the specific types of geologic activity that occur along the three types of plate boundaries?
6. How do convection currents cause plate movement?
7. What is the theory of microplate terranes?

---

---

---

---

---

---

---

## Monday, November 8

- No warm up today.
- WebQuest today (and probably tomorrow)
- Chapter 4 Test – Wednesday
  - You may use your notes on the Test
  - As long as they get checked off by Hall.



---

---

---

---

---

---

---