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Date: \_\_\_\_\_

Section: \_\_\_\_\_ HR: \_\_\_\_\_

**Chapter 1 Section 2: Tides - Two Column Notes**

**Tides**

Figure 9 **Predicting:** What would happen if these people stayed on the beach too long?

tides -

The length of each tide

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**What Causes Tides?**

gravity -

The two factors that affect the gravity of an object

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**High Tides**

Why are there high tides on opposite sides of Earth at the same time?

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**The Tide Cycle**

Why are there low tides on opposite sides of Earth at the same time?

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The length of the tidal cycle

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What causes the tides?

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**Spring and Neap Tides**

spring tide -

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What two phases of the moon cause spring tides?

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Explain why spring tides occur at these phases.

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neap tide -

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What two phases of the moon cause neap tides?

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Explain why neap tides occur at these phases.

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**Local Tide Effects**

intertidal zone -

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