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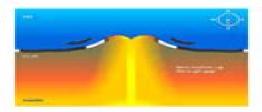
Sea-Floor Spreading



- Mapping the Mid-Ocean Ridge
 - The mid-ocean ridge is the longest chain of ______
 in the world.
 - Scientists mapped the mid-ocean ridge using _____
 - Sonar is a device that bounces sound waves off underwater objects and records it.



- Describing Sea-Floor Spreading
 - At the mid-ocean ridge, _____ material rises from the mantle and erupts. The molten material _____, pushing rock to both sides of the ridge.
 - This process that



is sea floor spreading.

- Evidence for Sea Floor Spreading: Pillow shaped rocks
 - In the 1960s scientists found evidence that

the is erupting along

showed that molten material has erupted again and again.



The presence of ______ has

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Peter L. Kresan, Reed Mencke

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