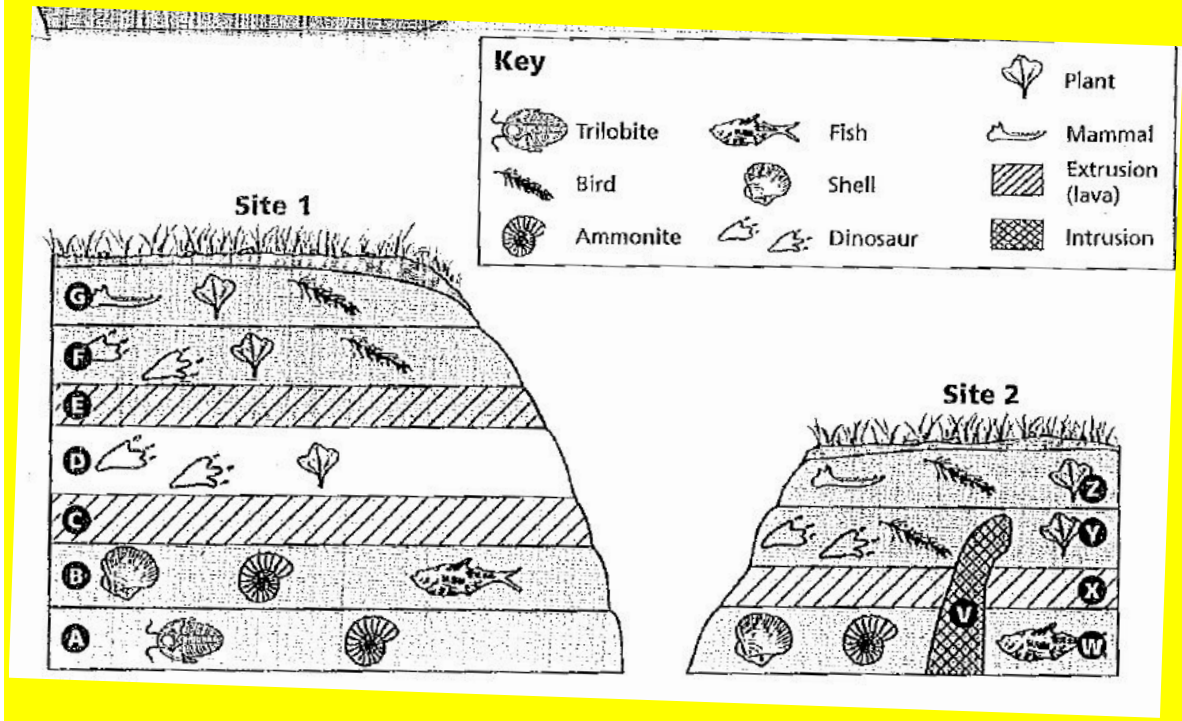


# Index Fossils



1. Using the law of superposition and the picture of Site 1, explain the relative ages of rock layer A versus rock layer G.

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2. Using the key, why do you think there aren't any fossils in rock layers C, E, or X? What type of rock is this?

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3. Using the key, what Era do you think rock layer D (Site 1) is from and WHY?

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4. Using the key, what Era do you think rock layer Z (Site 2) is from and WHY?

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5. At Site 1, based on the fossil evidence, describe the ways the environment must have changed in that area over time.

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6. Which rock layers at Site 2 would you say are the same relative age as some of the rock layers at Site 1, and WHY?

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7. Which of the fossils could be considered index fossils and WHY?

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8. Name 2 fossils that could NOT be considered index fossils, and WHY NOT:

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9. Using the computers and the internet, can you determine which Era AND time period rock layer A is probably from and WHY? What about layer B?

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