LO: To identify how fossils can provide information about living things using the evolution of an animal.





Read 1 - record on post it notes

Why did they become extinct?
When did the common ancestor first split?
When did they live?
What does the DNA show?
Which species are they most closely related to?

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Read 2 - order your post it answers

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Read 3 -Summarise the text in 20 words

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List the features of the woolly mammoth

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List the features of the woolly mammoth

Huge tusks
Fur
Large size
Large, flat feet

I do

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The woolly mammoth had huge tusks, most likely for

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we do





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Having thick fur would....

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Starter

you do





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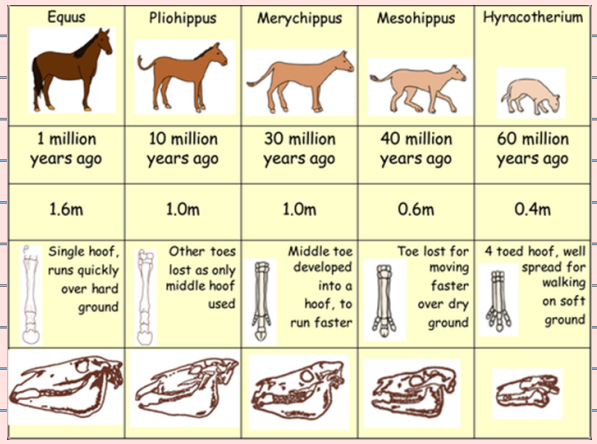
Having thick fur would....

To protect itself from predators...

Based on the environment the woolly mammoth lived in (including _____ terrain) it has adapted....

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I do



Changes and why this may have occurred:

Fossils from 60 million years ago provide us with evidence of how an animal has evolved over a long period of time. The first horse (Hyracotherium) was much shorter than horses today, standing at only 0.4m tall. As it evolved over millions of years, the shorter Hyracotherium will not have suited the new environments so will have died to make way for the newer versions of the species.
As the species continued to evolve, the shape of the...

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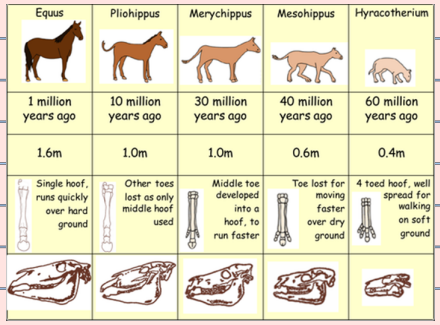
we do

Equus	Pliohippus	Merychippus	Mesohippus	Hyracotherium
1 million years ago	10 million years ago	30 million years ago	40 million years ago	60 million years ago
1.6m	1.0m	1.0m	0.6m	0.4m
Single hoof, runs quickly over hard ground	Other toes lost as only middle hoof used	Middle toe developed into a hoof, to run faster	Toe lost for moving faster over dry ground	4 toed hoof, well spread for walking on soft ground

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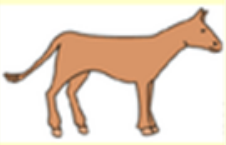
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you do



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