

Darwin and the theory of evolution

Worksheet

1. Who was Charles Darwin? Why is he famous? Do you know the title of his book or the theory he worked on?
2. In four groups go to http://darwin200.christs.cam.ac.uk/pages/index.php?page_id=j1
http://darwin200.christs.cam.ac.uk/pages/index.php?page_id=b and find information about:
 - Charles Darwin's childhood
 - his student's years
 - his voyage on The Beagle
 - Galapagos
3. On the contour map of the world mark the voyage of The Beagle.
4. Charles Darwin has transformed the world of biology and science with his theory of evolution. What is evolution? Find out here:
http://darwin200.christs.cam.ac.uk/pages/index.php?page_id=j2

Evolution is

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A species is

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Species evolve.....

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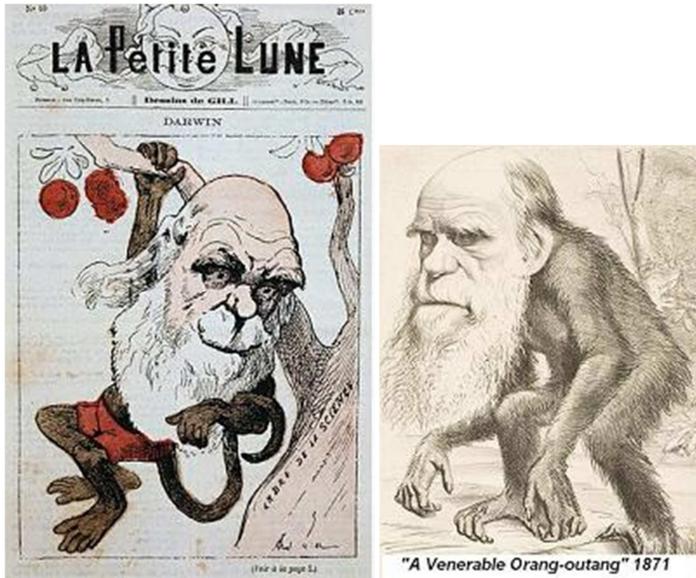
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5. Watch a short film on evolution of species : http://www.youtube.com/watch?v=Wl7ldMr_m5k
6. The evolution of species also can be applied to human species. Charles Darwin speculated that humans evolved from apes (not monkeys! do you know the difference?) and probably had the same ancestors. Watch a film about a missing link between ape and man:
<http://www.youtube.com/watch?v=b1Ozky8xeFQ>
7. In the theory of evolution there are some key concepts. Go to and explain
 - natural selection
 - the origin of species
 - adaptation
8. "It is not the strongest or the most intelligent who will survive but those who can best manage change." the quote attributed to Charles Darwin illustrates the importance of adaptation, change and mutation. Discuss.

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9. The theory of evolution met with much criticism. Can you guess why?



Even now there is a heated debate in the USA about the school curriculum and teaching of evolution and creationism. Can you guess the main arguments for both sides?

