

## Natural selection

### Worksheet 2

#### TEACHER'S NOTES

1. Most of us hear the word 'evolution' we think of the process by species change and adapt.
2. The universe can evolve, that is, change according to the laws of physics.
3. This doesn't mean there is any sort of cosmic 'survival of the fittest' going on – that would be natural selection, not evolution.
4. In this sense evolution just means change and no one can deny that these changes are happening.
5. Our oldest rocks show no signs of life, while newer and newer rocks reveal fossilized plankton, seaweed, snails, fish, trees, insects, dinosaurs, mammals, and so on.
6. What Darwin proposed with his theory of natural selection was an explanation for how this change could have occurred naturally.
7. You are welcome to disagree with Feynman's explanation for the explosion, or Darwin's explanation for how life on earth changes.
8. In the end, the universe will go on evolving regardless of whether you and I believe in it or understand it.