

19-BY8 'Advanced' species?

Evolution is the, it's an organism which develops to a much more advanced one over world history. Possibly a fish, for example, or maybe an ape or ourselves, possibly.

Claim(s) **Evolution is a process by which species become more advanced.**

Any challenges to the expressed claim?

Anything to disagree with?

Any clarification needed?

Question(s). **How might a species be defined as 'more advanced'?**

Note: Evolution does not make a species 'better'. Natural selection is a process that is 'blind', or a matter of trial and error, and is the driving force behind evolutionary change. Variations that 'work' are useful in improving an organism's chance of survival and reproduction. Mutations are random and do not work to 'advance' species, only to select those that will survive.

Under natural selection, 'more advanced' could be taken to mean better at surviving and reproducing. Otherwise, judgements about a species being more or less advanced are a matter of human subjective decisions. Humans value intelligent behaviour and that factor probably influences what we consider to be more advanced. But *Homo sapiens* exists alongside bacteria and some well-adapted bacteria thrive alongside or even inside humans.