Lesson 02 Biomimetics

バイオミメティクス

Part 1

Nature helps us 1) <u>c</u> new technologies. These technologies are called biomimetics.

This self-cleaning ability of lotus leaves is known as the "lotus effect." One food company uses this effect to make $_{5}$ <u>y</u> lids. The lids have a bumpy surface, so they are always $_{6}$ <u>c</u>.

Part 2

Another example of biomimetics comes from cats. Cats 1) \underline{g} themselves with their tongues. They swallow the 2) \underline{f} and cough up furballs. One electronics company uses this same mechanism for its vacuum cleaners. Their fan blades are 3) \underline{r} , like the tongue of a cat. The blades press the dust together like a furball. This makes the dust more 4) \underline{c} . As a result, we do not have to 5) \underline{e} our vacuum cleaners so often.

Nature is full of 6) _____ for a better life. Take a look around you

and find other examples of biomimetics.

解答

Part 1

1) create 2) ponds 3) bumps 4) gather 5) yogurt 6) clean Part 2

1) groom 2) fur 3) rough 4) compact 5) empty 6) ideas