

Inventions Inspired by Nature

The ends of these seeds have small hooks.
They cling to animals as they pass by the plant.
These seeds hooks inspired Velcro!

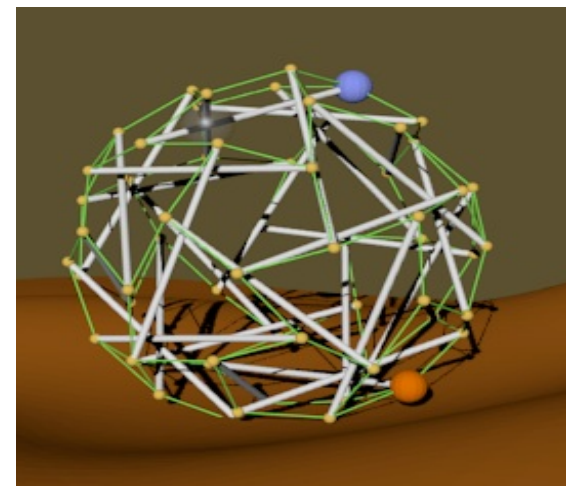


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You have probably seen tumbleweeds blowing around Nevada. The **round shape** of these tumbleweeds helps them travel over many areas. NASA is

using this shape to design rovers to explore other planets. The rovers can travel over rocks, hills, and out of holes and craters.



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Engineers used the **shape** of a kingfisher bird to design a train that goes 186 miles per hour!



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Turtles and tortoises have shells on their backs to protect themselves from predators. Humans have created armor to protect themselves from danger.



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Beaver teeth can chew through wood to get to the inside parts that they eat. Humans have created tools that look like the teeth of these beavers so they can carve wood and make things such as this canoe.



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The Mercedes Benz Bionic car was modeled and designed after the Boxfish and its **cube shaped** body. Due to its shape, this car is very fuel efficient. It can get up to over 70 miles per gallon, much more than today's standard cars.

