

10 INTERESTING GLASS FACTS

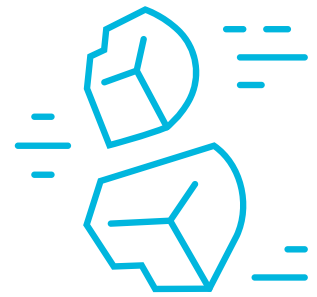


GLASS IS MADE FROM SAND

To produce glass, sand is mixed with lime and soda ash and heated at extremely high temperatures. After the liquid mixture cools back down, the result is glass.

ADDING MINERALS TO GLASS CHANGES ITS COLOR

Combining other minerals with the sand, lime, and soda ash can result in different colored glass.

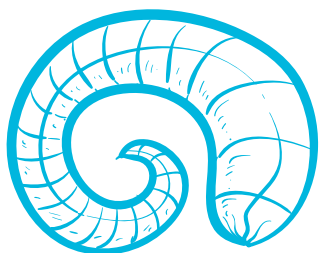


GLASS CAN BE FORMED BY LIGHTENING

Because of the high temperatures, glass can naturally form when sand is struck by lightning.

WHEN GLASS BREAKS, THE CRACKS MOVE AT 3,000 MPH

That's 5 times faster than the average airplane, which travels at 575mph!

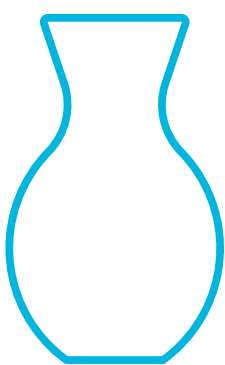
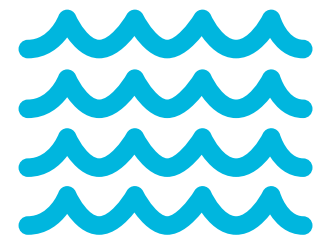


GLASS WINDOWS WERE INVENTED IN THE 1600'S

Before that, people made windows out of flattened animal horn.

GLASS IS NOT SOLID

When cooled, glass forms an "amorphous solid" that allows molecules in the glass to move around.

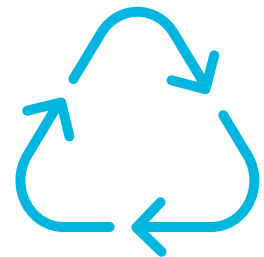


THE PORTLAND VASE IS ONE OF THE MOST VALUABLE GLASS PIECES IN THE WORLD

Experts estimate that the Portland Vase was made sometime between AD 5 and AD 25 in Rome.

GLASS IS 100% RECYCLABLE

Glass can be recycled endlessly without losing any quality or purity.



VOLCANIC LAVA CAN TURN INTO GLASS

Obsidian, a type of natural glass, can form when hot lava cools quickly after being expelled from a volcano.

GLASS CAN TAKE 1 MILLION YEARS TO DECOMPOSE

Glass is one of the longest lasting man-made materials.

