



GETTING STUCK

HOW GOD'S CREATURES HOLD ON

BUMPY TOE PADS

CREATION: Geckos' amazing toe pads cling to any surface, allowing them to climb ceilings and glass.

POTENTIAL USE: Astronauts' boots that hold them firmly in space

HOOKS

CREATION: Caterpillar legs have tiny hooks to grab leaves.

POTENTIAL USE: Robots and nanobots (tiny robots) that can go where humans can't

RIDGES

CREATION: The ridges on your fingertips help you grip even slippery objects like pencils.

POTENTIAL USE: Better surfaces for gripping cell phones and other slippery items

SUCKERS

CREATION: Octopus arms have suckers that latch onto food and won't let go until they're ready.

POTENTIAL USE: Better suction cups with a stronger grip

CLAMPS

CREATION: Crabs have specialized pincers that grab their grub.

POTENTIAL USE: Tools with better grips

GLUE

CREATION: Tree frog feet produce a "glue" that stays sticky even when wet.

POTENTIAL USE: Better glues that work underwater

CLINGY HAIRS

CREATION: Beetles have tiny hairs on their feet that cling to surfaces, allowing them to walk upside down.

POTENTIAL USE: Reusable "insect tape"

