

TO THE SUMMIT

Conditions on high mountains are harsh. Climbers tackling the highest summits need specialized inventions to get them to the top.

PROBLEMS CLIMBERS FACE

Slippery ice

Lack of oxygen

Extreme cold

Bad visibility/cloud

Getting lost

Falling down

Make sure your invention helps climbers tackle at least one of these problems.

DESIGN YOUR OWN mountain-climbing gear here. There are ideas for inspiration on the side of the page.

PROPELLER HAT
Warm, padded hat with attached propeller for added lift

SUCTION FEET
Extra sticking power for steep, icy slopes

HEATED SHOES
Keep toes warm and melt ice underfoot

SMART OXYGEN MASK
With low-oxygen alerts, and sensors to warn of dangers ahead

RADAR GOGGLES
With antifreeze, antifog technology, and a built-in map

