

# SCIENCE MADE FUN KIDS.NET

## Cool Penguins Cold Climate

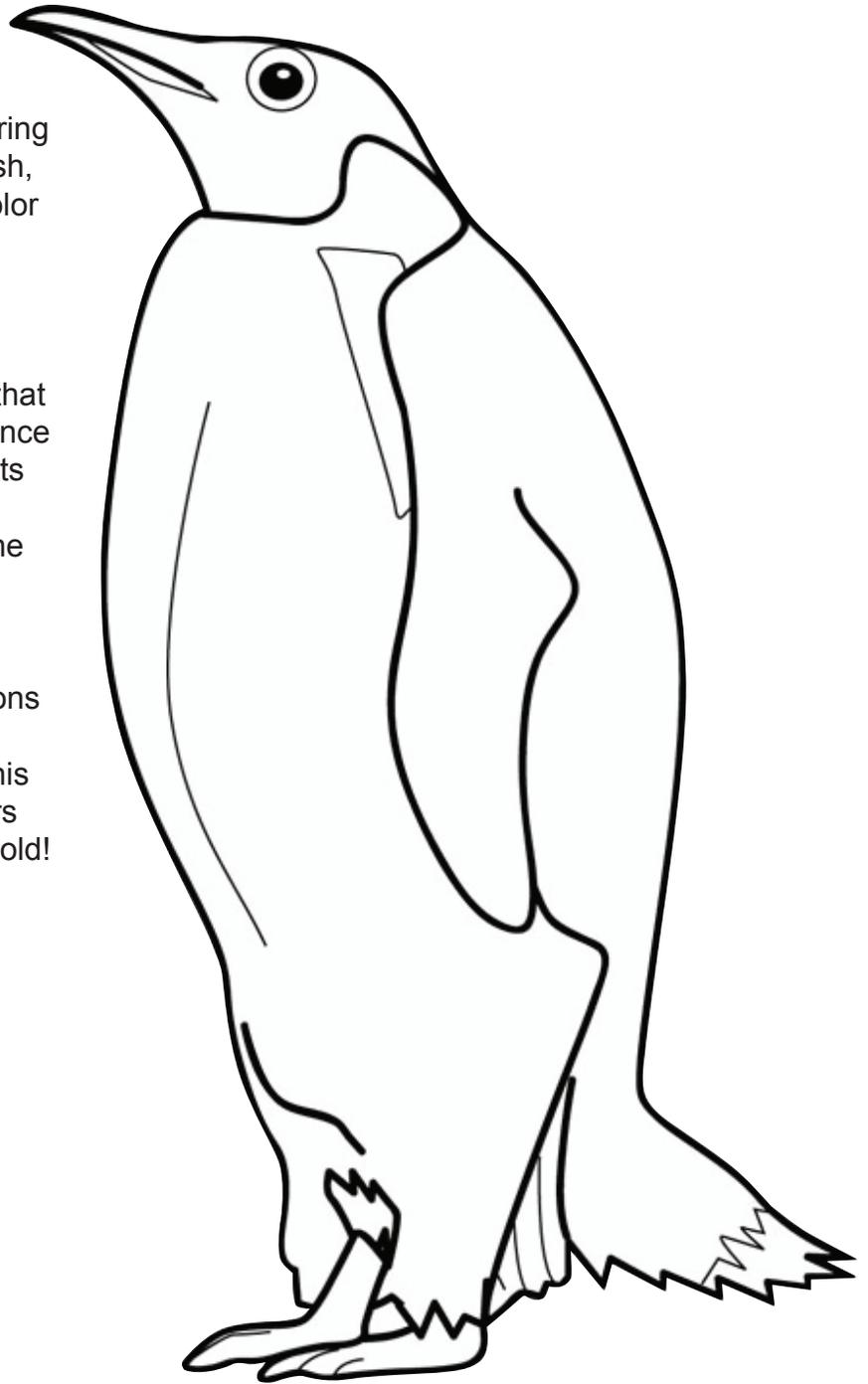
### Instructions:

Color the penguin with crayons. When you have completed coloring your penguin, using a large brush, a cup of water and blue watercolor paint, cover your entire penguin picture in paint.

### Science Behind It:

Penguins have a special gland that secretes wax. This waxy substance covers their feathers and protects them from the freezing weather and icy water. The wax repels the water so it does not touch their skin.

See how the wax from the crayons protects your penguin? Wax causes the water to bead up. This demonstrates how waxy feathers protect real penguins from the cold!



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