How do penguins stay warm?

Look, penguins on the ice! How do they stay warm?



Why?

1. **A warm coat of feathers.**
   The feathers are packed tight. They hold a layer of air next to the skin, like a cozy blanket.
2. **A thick layer of fat.**
   Under the feathers, there is a thick layer of fat. It keeps the warmth inside the body, like a puffy jacket.
3. **Taking turns in the middle.**
   Lots of penguins squeeze together in a big huddle. The whole huddle shuffles, a few tiny steps at a time, like a slow wave. Bit by bit, every penguin gets a turn in the warm middle!

Color Puff too!



Try it! Make a family huddle

You need: your family and a blanket

1. Snuggle up close with your family under a blanket.
2. Do you feel warmer together?

What happened? In a huddle, every penguin is a warm wall for its neighbors.

Video + more questions:
whywhywhykids.com/penguin

scan with a grown-up