

CurriculumVisions Lesson

Students: fill in next to the word answer and return the document for assessment.

Science

Book: Friction (4E)

Pages 20-23

Everything here is based on our Curriculum Visions book Book: Friction (4E).

In this segment, we are going to think about friction in air and water.

You will need to go to pages 20 and 21 of the book. What is friction in water called?

Answer.....

Water resistance

What are some ways to reduce friction in water?

Answers will vary.....

Answers could include: streamlining, making things glide or cut through the water more easily, making boats pointy at one end, building boats from slippery materials

What are some ways that friction in water can be useful?

Answer.....

Answers could include: making it easier for boats like canoes or motor boats to move by giving them something to push against; helping fish to move by giving their tails and fins something to push against

Go to pages 22-23. How do birds reduce air resistance? How do they use air resistance to help them?

Answers.....

Birds reduce air resistance by having a streamlined shape, especially when their wings are pulled in, such as when they are diving. Birds use air resistance to fly - their wings push against the air.

If you are interested in this topic continue to browse the book and watch our amazing videos. They start right on the book cover.