

## Water Slides

They are fun. They are wet. They can make you scream. What are they? They are water slides.

You may have gone on a water slide in a water park. What goes into the design of one of these slides? First, the designer thinks about safety. A good water slide thrills its riders. But it has to be safe. The designer also thinks about how high the slide is from top to bottom. He decides the number of curves, turns, and drops. He figures out much water flows down the slide per minute.

Water slides are made in sections. Strong fiberglass is molded into hundreds of pieces. The pieces are sent to the water park. There they are put together.

On most slides, the rider never goes faster than 20 miles per hour. In a car that would feel slow. On the slide it feels fast. That's because the ride keeps changing. First, there may be a drop. Then, you may hit a curve. Next, you may go into a banked curve and feel like you are moving sideways. There may be a sudden, steep drop. Finally, you splash into a pool at the bottom.

When you ride on a water slide, always go feet first. Stretch out flat with your legs in front of you. Then go!

1. What is this passage mostly about?
2. Why does it feel like you are going very fast when you go down a water slide