

## What is DNA?

1. At the beginning of the animation, a video clip is shown enlarging various structures of the ear until the parts of the smallest unit of structure and function is in view. What is located inside of the nucleus of the cell that provides instructions for the cell?

2. DNA is the molecule that provides instructions. What function does this molecule perform?

3. What is the shape of the DNA molecule? What are the parts of the DNA strand?

4. How do the parts of the DNA strand bond together?

5. How are genes formed?