

Backbone of alternating sugar and phosphate

Ribose sugar

It's a nucleic acid

Travels between the nucleus and the cytoplasm

Uracil pairs with adenine

Single helix

Deoxyribose sugar

Thymine pairs with adenine

Temporary copy of the DNA

Double helix

Cytosine pairs with guanine

Stores instructions for making proteins

Three types: messenger, transfer, and ribosomal

**DNA**

**RNA**