

What is DNA? – Viewing Guide**Anticipatory Questions:**

| Question | Before Video | After Video |
|--|---------------------|--------------------|
| 1. All living organisms have DNA. | T/F | T/F |
| 2. The chemicals in the DNA of a human are different than those in the DNA of a mouse. | T/F | T/F |
| 3. DNA is made up of atoms. | T/F | T/F |

While you watch the video at

<http://www.youtube.com/watch?v=zwibgNGe4aY> , answer the following questions:

1. What does DNA stand for?
2. What is DNA?
3. Amino acids come together to make _____.
4. How many different chemicals make up the parts of the DNA 'steps'?
5. DNA is found in the _____ of a cell.
6. Where are amino acids found in a cell?
7. _____ is similar to DNA and is sent into the cytoplasm to help make _____.
8. _____ are "protein builder machines" by putting together amino acids.

Conclusion:

1. The video referred to DNA as a 'blueprint' for a living organism. What was meant by this reference?

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