

# **ODYSSEY Molecular Explorer**

— Release 6 —

*Correlation with the*

## **Missouri Science Standards**

Approved January 18, 1996

In Science, students in Missouri public schools will acquire a solid foundation which includes knowledge of

1. properties and principles of matter and energy

→ *Many Labs*

2. properties and principles of force and motion

→ **DEMOS & VISUALS** *Thermochemistry* "Energy of a Vibrating Diatomic"

→ **WORKSHEETS** *Gases* "The Meaning of Temperature"

→ **WORKSHEETS** *Gases* "Mean Speed and Temperature"

→ **WORKSHEETS** *Gases* "The Distribution of Kinetic Energies"

→ **WORKSHEETS** *Liquids & Solids* "Motion in the States of Matter"

3. characteristics and interactions of living organisms

→ **CONCEPTS & APPLICATIONS** *Biochemistry* "Carbohydrates"

→ **WORKSHEETS** *Biochemistry* "Starch"

→ **WORKSHEETS** *Biochemistry* "Amino Acids"

→ **WORKSHEETS** *Biochemistry* "Building a Model of a Protein"

→ **WORKSHEETS** *Biochemistry* "Building a Model of DNA"

7. processes of scientific inquiry (such as formulating and testing hypotheses)

→ *Many Labs*