

ODYSSEY Molecular Explorer

— Release 7.0 —

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

→ **G10** *Gases* "The Meaning of Temperature"

→ **G12** *Gases* "Mean Speed and Temperature"

→ **G22** *Gases* "Distribution of Kinetic Energies"

→ **H9** *Liquids & Solids* "Molecular Motion and Physical States"

→ **L4** *Thermochemistry* "Vibrating Diatomic Molecule"

3. characteristics and interactions of living organisms

→ **T3** *Biochemistry* "Carbohydrates"

→ **T4** *Biochemistry* "Starch"

→ **T7** *Biochemistry* "Amino Acids"

→ **T10** *Biochemistry* "Building a Model of a Protein"

→ **T24** *Biochemistry* "Building a Model of DNA"

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

→ *Many Labs*