

## **GRADE 3 SCIENCE**

The third grade science curriculum focuses on life science, earth science and physical science. The students' knowledge is gained chiefly through observation, inquiry-based activities and hands-on experiments. The students learn in a sequential manner which allows them to use their prior knowledge so that they have a deeper understanding of the concepts which are being taught.

### **Life Science**

- A Look at Living Things
- Living Things Grow and Change
- Living Things in Ecosystems
- Changes in Ecosystems

### **Physical Science**

- Matter
- Changes in Matter
- Forces and Motion
- Forms of Energy

### **Earth Science**

- Earth Changes
- Using Earth's Resources
- Weather and Space
- Changes in Weather

Introduction to the Skeletal System and Nervous System

### **Materials**

- Student textbook: Macmillan/McGraw Hill Science: A Closer Look
- Teacher Edition: Macmillan/McGraw Hill Science: A Closer Look
- Assessment Book: Macmillan/McGraw Hill Building Skills Assessment Book
- Macmillan/McGraw Hill Building Skills Reading and Writing
- Macmillan/McGraw Hill Building Skills Activity Lab Book
- Macmillan/McGraw Hill Transparencies for Visual Literacy
- Macmillan/McGraw Hill Building Skills Math Book
- Macmillan/McGraw Hill Key Concept Cards and Vocabulary Cards
- Macmillan/McGraw Hill Activity Flip Chart
- Macmillan/McGraw Hill Grade 3 Materials Kit
- Teacher-created packets
- Test, quizzes, study guides, and worksheets made up from the text
- Construction paper, scissors, markers, crayons, colored pencils and other assorted art materials
- Smartboard
- Computer

Animal Life for Children      All About Animal Adaptations  
All About Food Chains

Life Science      The Video Collection The Food Chain Mystery

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|----------------------------|---|
| Educational Videos         | The Solar System: A First Look<br>Oceans  |
| United Streaming           | The Water Cycle   |
| Physical Science In Action | Sound   |
| Magic School Bus           | Lost in Space<br>Gets Eaten<br>Inside the Human Body<br>Hops Home<br>Out of this World<br>Water Cycle |

**Instruction:**

The teacher will:

- lead class lectures and discussions
- prepare lab experiments for students
- assign independent or group projects
- assign independent reading assignments
- show videos on related topics for further understanding

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