

## Fifth Grade – Life Science

| Scott Foresman Science<br>Florida Sunshine State<br>Standards                                                                                                                     | Major<br>Concept                                                              | Science<br>Vocabulary                                                                                     | Suggested<br>Hands-on Activities and Resources                                                                                                                                                                                                                                                                                                                                                                                                    | Community<br>Resources                                                                                         |
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| <u>FCAT Tested</u> 2008 Standards<br>SC.G.1.2.1 <b>SC.5.L.14.2</b><br>SC.F.1.2.3 <b>SC.5.N.1.2</b><br>SC.H.3.2.2<br>SC.H.3.2.4                                                    | <b>Classifying<br/>Organisms</b><br>Scott Foresman<br>Ch. 1,<br>Pages 1 – 32  | Kingdom Phylum<br>Class Species<br>vertebrate Classify<br>invertebrate                                    | <b>SRA Snapshots</b> -Chapter 2, Lessons 1, 2 and 3                                                                                                                                                                                                                                                                                                                                                                                               | Guest Speaker:<br>Sea-to-See (bio.fsu.edu)                                                                     |
| <u>FCAT Tested</u> 2008 Standards<br>SC.F.1.2.3 <b>SC.5.N.1.2</b><br>SC.F.1.2.4 <b>SC.5.N.2.1</b><br>SC.H.1.2.5 <b>SC.5.N.2.2</b><br>SC.H.3.2.2<br>SC.H.3.2.4                     | <b>Cells to<br/>Systems</b><br>Scott Foresman<br>Ch. 2,<br>pages 33 – 56      | Cell membrane<br>Nucleus<br>Cytoplasm Cell wall<br>Chloroplast<br>Vacuole<br>Tissue Organ<br>Organ system | AIMS: Focus on Cells in <u>Budding Botanists</u><br>Pages 94 – 98<br>Pages 99 – 104<br>Bill Nye Video: "Cells"<br><b>SRA Snapshots</b> -Chapter 1, Lessons 1, 2, and 3<br><b>Magic School Bus Video</b> - "Inside Ralphie"                                                                                                                                                                                                                        | Guest: MagLab-<br>Microscopes                                                                                  |
| <u>FCAT Tested</u> 2008 Standards<br>SC.A.1.2.1 SC.5.L.14.1<br>SC.F.1.2.1 <b>SC.5.L.14.2</b><br>SC.H.1.2.1 <b>SC.5.N.1.2</b><br>SC.H.1.2.5 <b>SC.5.N.2.2</b><br>SC.H.3.2.1        | <b>Human<br/>Body Systems</b><br>Scott<br>Foresman<br>Ch. 3,<br>pages 57 – 88 | Artery Capillary<br>Vein Valve<br>Mucus Trachea<br>Bronchioles Air<br>sacs<br>Esophagus Tissue            | AIMS: <u>Jawbreakers and Hearthumpers</u> (9<br>Activities)<br>AIMS: <u>From Head to Toe</u> : (Many activities)<br>AIMS: <u>Fun With Foods</u> : (6 Nutrition Activities)<br>Bill Nye: "Bones and Muscles", "Brain",<br>"Digestion", "Blood and Circulation",<br>"Heart", "Respiration", "Skin"<br>"Science, Tobacco, and You"<br><b>SRA Snapshots</b> - <b>Chapters 1 and 2</b><br><b>Magic School Bus Videos</b> - "Human Body" "For<br>Lunch" | Guest: -Archaeologist<br>-Sports<br>Medicine/Movement-<br>Science P.E. @ FSU<br>-American Heart<br>Association |
| <u>FCAT Tested</u> 2008 Standards<br>SC.F.1.2.3 <b>SC.5.L.14.2</b><br>SC.F.1.2.4 <b>SC.5.L.15.1</b><br>SC.G.1.2.3 <b>SC.5.N.1.3</b><br>SC.H.1.2.3 <b>SC.5.N.1.6</b><br>SC.H.2.2.1 | <b>Plants</b><br>Scott Foresman<br>Ch. 4,<br>pages 89 – 120                   | Xylem Hormone<br>Phloem Pollen<br>Pollination Embryo<br>Spore Tropism<br>Growth                           | AIMS: <u>Budding Botanists</u> : -Photosynthesis P. 80 -83<br>-Transpiration P. 84 -86<br>-New Plant Discovery P. 90 – 92<br>Bill Nye: "Biodiversity", "Flowers", "Forests"<br><b>Project Learning Tree</b> -Guide<br><b>SRA Snapshots</b> -Chapter 1, Lessons 1 and 2<br><b>Magic School Bus Video</b> - "Goes to Seed"                                                                                                                          | <b>Guest</b> -Leon County<br>Extension Service                                                                 |