

Topics, Text, Resources—1D Language Development Through Science

Trimester 1: LIFE SCIENCE	
Topics	Texts/Resources
<u>Structure and function of living systems</u> Cells, Cell functions (human, animal, and plant), and Organ Tissues	Focus on Science (FOS) FOS—D, Chapter 1 Gateway To Science (GWS) GWS, pp. 22-37; 58-61
<u>Human Interactions with Living Systems</u> Diseases	GWS, pp. 58-61 FOS—B, Chapter 3 GWS, pp. 26-29
Trimester 2: PHYSICAL SCIENCE	
<u>Motion</u> Position, Speed, Force, Direction (moving in straight lines and impact if force)	FOS—B, Chapter 6 GWS, pp. 190-197 Engineering is Elementary (EiE) – “Simple Machines” Kit
<u>Energy</u> Light: color and waves, travels straight, reflection, refraction and absorption (Magic School Bus)	FOS—B, Chapter 6 FOS—D, Chapter 7 GWS, pp. 202-205 EiE— “Electricity” Kit FOSS “Matter and Energy” Kit (Available at DMC for checkout) <u>Magic School Bus (Light)</u>
Trimester 3: EARTH/PHYSICAL SCIENCE	
<u>Interdependence Within the Earth System</u> Seasons <u>Interdependence Within the Earth System</u> Weather and climate, basic weather terms (cloud, storm, rain, precipitation) and physical reasons (evaporation, condensation and what atoms are doing) that cause weather.	FOS—A, Chapter 4 GWS, pp. 114-117 FOS—A, Chapter 5 FOS—C, Chapter 6 GWS, pp. 146-157 GWS, pp. 90-93 • EiE— “Catch the Wind” Kit • FOSS Water Kit
<u>The Universe</u> Gravity and Inertia	FOS—A, Chapter 5 FOS—B, Chapter 5 FOS—D, Chapter 6 GWS, pp. 110-121 • http://www.planetarium.spps.org/ See “Sky Curriculum BAC” link. Then check out the “Primary Solar System,” “Moon,” and “Seasons,” units (links)