

5th Grade Science Pacing Guide

Taught Before March 12th

Unit	Time Frame	Standards of Learning
Unit 1: Living Systems	6 weeks	SOL 5.5 <ul style="list-style-type: none"> ➤ Basic cell structures and functions ➤ Classification of organisms according to physical characteristics, body structures, and behavior of the organism ➤ Survival of organisms in their environment SOL 5.1 <ul style="list-style-type: none"> ➤ Science process skills (infused)
Unit 2: Rocks and Fossils	5.5 weeks	5.7a-c <ul style="list-style-type: none"> ➤ Identification of basic rock types ➤ The rock cycle and rock transformations ➤ Earth's history and fossil evidence 5.1 <ul style="list-style-type: none"> ➤ Science process skills (infused)
Unit 3: Geologic Processes	2.5 weeks	5.7d-g <ul style="list-style-type: none"> ➤ Structure of the earth's interior ➤ tectonics ➤ Weathering, erosion, and deposition ➤ Human activity on earth's surface 5.1 <ul style="list-style-type: none"> ➤ Science process skills (infused)
Unit 4: Oceanography	6 weeks	5.6 <ul style="list-style-type: none"> ➤ The ocean environment to include geological, physical and ecological characteristics. 5.1 <ul style="list-style-type: none"> ➤ Science process skills (infused)
Unit 5: Matter	4 weeks	5.4 <ul style="list-style-type: none"> ➤ Properties and phases of each type of matter ➤ How temperature effects phases of matter ➤ Atoms and Elements ➤ Molecules and compounds

		<ul style="list-style-type: none"> ➤ Mixtures including solutions 5.1 <ul style="list-style-type: none"> ➤ Science process skills (infused)
Unit 6: Sound	4 weeks (3 out of 4 weeks of instruction completed)	5.2 <ul style="list-style-type: none"> ➤ Compression waves ➤ Wave characteristics (wavelength, frequency, and amplitude) ➤ Ability of different media to transmit sound ➤ Application and uses of sound waves 5.1 <ul style="list-style-type: none"> ➤ Science process skills (infused)