Curriculum Information
Second Grade

Social Studies
The curriculum focuses on the study of communities, with emphasis on the community in which the student lives. Through interactive activities and experiences, they will begin to develop an awareness of the history, geography, economics, and government of the Southfield Community. The students will define a community, analyze the Southfield area as a community, and compare it to other communities in the area.

Math
Second grade students develop number concepts, problem solving skills, and regroup with two and three digit numbers. Students are introduced to multiplication. They graph and interpret data. Students name, identify value and count interchangeably coins and dollars, tell time to the minute and explore properties of addition and subtraction. They distinguish between 2-dimensional shapes. Students write, count, represent, and compare numbers 0-1,000 and begin to compare fractions. Students measure length, mass, and temperature using standard units. Students develop their concept of the base ten number system to the thousands place. Cross-curricular math experiences are provided throughout the year.
Life science requires students to compare and classify animals and plants based on several simple characteristics, such as color, shape, size, and number parts. At the same time, they observe that distinguishing characteristics of these familiar animals and plants are passed on from one generation to the next. They further develop and describe the basic requirements that all living things need in order to maintain their existence.

In physical science, students describe common physical changes in matter, including size, shape, freezing, melting, and dissolving. Children also classify and identify familiar objects using observable attributes, such as color, size, shape, smell, magnetic properties, hardness, and texture. In addition, children make and describe sounds in terms of loudness and pitch.

In earth science, children explore the major features of the surface of the earth. In addition, they learn to identify seasonal changes, sources of water and its uses, and the three states of matter. They also learn safety precautions to use during severe weather.
Language Arts

The curriculum includes reading and writing skills. As readers, the students will employ strategies to construct meaning, use reading for multiple purposes, use strategies to decode words, respond and share, and read with fluency. As writers, the students will become authors who make writing choices, edit text, explore characteristics of story elements and how these elements convey ideas and perspectives, demonstrate how characters express attitude, and write with developing fluency for multiple purposes. The students will use reading and writing to facilitate effective communication.