

Fourth Grade Curriculum

Children in the Second Grade Program at Al Nur School explore the concepts listed below. Children learn these concepts at their own pace. Children are taught with hands-on materials, as well as with traditional methods.

Goals

- Provide a safe and loving environment for all children
- Foster a sense of self-confidence and well being in each child
- Expose children to and build a love for grade appropriate reading, math, science, Arabic, Quran, social skills, art, and movement
- Provide physical activities to facilitate gross and fine motor development
- To develop in children and parents a positive attitude towards self, others, school and learning

Math

In math, the students will develop the ability to apply problem solving skills to many types of math problems. They will understand place value through the millionth place and decimals for the tenths and hundredths place. They will describe fractions of a whole and a set, and use addition and subtraction with whole numbers and decimals appropriately. They will also learn to multiply two digit numbers and divide three digit numbers. The students will be able to round, estimate and use patterns to solve problems, use charts to identify relationships, identify and compare 2 and 3 dimensional figures and use standard forms of measurement to compare, objects and solve problems.

Language Arts

Throughout the fourth grade year we will be reading extensively and writing in different genres. In reading, the students will use reading strategies such as making connections from the text to their own lives, questioning the text, making mental images, determining what is important, checking for understanding, creating new understanding after thinking about the text and making inferences. The students will also apply these strategies when reading in both fiction and nonfiction in other subjects. Students should read at home daily for at least 30 minutes and be able to discuss the information from the text.

In writing, the students will go through the writing process by practicing prewriting, drafting, editing and revising skills. The students will write in different genres such as to develop and reflect on ideas, influence, inform, entertain, express, discover, record and

problem solve. The students will also work on developing a voice as they write personal stories. The students will refine their grammar and spelling skills as well as work on mastering their cursive penmanship. They will also collaborate with each other while in the writing process, and evaluate the writing of other published writers.

Science

In science, we will be studying the natural world and its components and processes such as soil, the effects of oceans on land and the role of the Sun as our main energy source. The students will also learn about the physical properties of matter. They will be learning about simple systems, the learned and inherited characteristics of animals and adaptation. The students will be using the scientific process to investigate these concepts.

Creative Arts

- Explore a variety of art processes: painting, drawing, collage, etc.
- Use a variety of art materials: crayons, tempera paint, watercolor paint, colored pencils, markers, art chalk.
- Experiment with mixing paint colors
- Sing traditional songs and songs that enhance the curriculum
- Participate in dramatic play
- Dramatize familiar stories

Social Studies

In Social Studies, the students will study the history of Texas including a study of regions in the United States. The students will discuss the impact of settlement and economic patterns as well as the effects of European colonization in Texas. The students will use a variety of material in which to receive information, and apply critical thinking skills such as determining relationships, predicting and making conclusions about the information

Technology

- Use computer programs to create and write picture stories
- Use a computer mouse: click, click and drag
- Use the Internet to explore kid-friendly websites
- Acquire technology skills as outlined in the TEKS

Arabic

*We are following the **Al Aafaq** Curriculum Series Level 3 for Arabic.*

Quran

- Develop the love of Quran and a motivation to memorize it.
- Know the right etiquette for learning Quran and learn to respect it.
- Continue memorizing the twenty- ninth Juz .
- Revise Juz Ammah and the twenty- ninth Juz.
- Understand meanings of the Surahs with the help of stories, pictures, and plays.
- Improve on Quran recitation and pronunciation.
- Learn how to read and write the Ayahs they are memorizing.

Islamic Studies

*(We are following the **I Love Islam** Curriculum Series Level 4 for Islamic Studies)*

- Develop the love of Islam and a sense of Muslim identity.
- Develop love and respect for knowledge and scholars and the school.
- Know Allah (s.w.t.) and Attributes of Allah.
- Know the Five Pillars of Islam.
- Know the Six Pillars of Faith (Iman).
- Know the major Prophets of Allah (s.w.t.) and their stories.
- Know Prophet Mohammad (s.a.w.) and his Sira.
- Know some of the characteristics of a good Muslim.
- Show respect towards to elders.
- Learn to love one another, know kindness and sharing.
- Build a sense of truthfulness and honesty.
- Build a sense of responsibility towards the community and the environment.
- Know how to use the toilet and perform Istinja.
- Know how to perform wudu and salat.
- Memorize dua'as for different everyday situations.
- Learn 15 new Hadeeth and their meanings.
- Learn about the Muslim Holidays (Eid-ul Fitr, Eid-ul Adha).
- Learn about Muslim Holy Cities (Macca, Madina, Al Quds).