

Kindergarten UOI#4: Summary

Transdisciplinary Theme: How the World Works

An inquiry into the natural world and its laws; the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment.

Central Idea:

People have the ability to make choices.

Lines of Inquiry

- There are good choices and poor choices that have an impact.
- Properties of materials affect our choices
- Our five senses impact our choices
- Allah (swt) gave us the ability to make choices

Key Concepts:

- Form
- Function
- Causation

Learning Objectives:

ELA:

- With prompting and support, ask and answer questions about key details in a text.
- With prompting and support, retell familiar stories, including key details
- Actively engage in group reading activities with purpose and understanding.
- Read emergent-reader texts with purpose and understanding.
- Count, pronounce, blend, and segment syllables in spoken words.
- Blend and segment onsets and rimes of single-syllable spoken words
- Associate the long and short sounds with common spellings (graphemes) for the five major vowels.

Math:

- Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (e.g., $18 = 10 + 8$); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.
- Be able decompose dates on the calendar
- Group 100 days of school by tens and ones
- Identify shapes as two-dimensional (lying in a plane, “flat”) or three-dimensional (“solid”).

Social Studies:

- Talk about the reasons that rules are necessary in the various communities to which he or she belongs
- Recognize how his or her choices and behaviors affect learning in the classroom (for example, respond to various picture and story prompts to explain how one person's actions can impact others).

Science:

- Describe observable changes (including changes of state) that occur in materials
- Students will continue to investigate how water affects various types of materials
- Apply understanding of basic properties of materials in order to match materials to purpose.
- Students will examine wood, paper and the properties of motion to design and build a structure that will withstand the power of wind.

Art:

- Recognize basic shapes
- Pick out objects different from the others
- Stimulate multiple senses through art
- Distinguish between bright, light, dull and dark colors
- Express opinions about artwork
- Prepare a chosen work of art to be exhibited to the public
- Create a geometric style of art inspired by Artist Piet Mondrian
- Create movement with lines

Arabic:

- listen attentively and respond to stories read aloud
- participate in shared reading, joining in with rhymes, refrains and repeated text as they gain familiarity
- use their own experience as a stimulus when drawing and "writing"
- show curiosity and ask questions about written language
- show an awareness of sound-symbol relationships and begin to recognize the way that some familiar sounds can be recorded
- Listen to terminology associated with visual texts and understand terms such as colour, shape, size.
- use a variety of implements to practice and develop handwriting and presentation skills

Islamic Studies:

- Compare and contrast the definition of a "prophet" and a "messenger" in Islam
- Re-tell the story of Adam (*alayhis salaam*) and the Forbidden Tree.
- Explain why Shaytan did not like Adam (*alayhis salaam*).
- Discuss why Allah (*subhaanahu wa ta'ala*) did not like Adam (*alayhis salaam*)'s actions.
- Justify why Muslims should seek protection from Allah (*subhaanahu wa ta'ala*) against Shaytan.
- Investigate why our actions are important.
- Categorize what are good deeds and what are bad deeds.

- Create their own “Deeds Scale”.
- Self-evaluate their deeds by using their deed scales.
- Investigate what is Zakah.
- Analyze how much a Muslim is required to give in Zakah.