

SCIENCE

QSI KOSOVO

2022-2023

With Mrs. Hale

Agenda



- Introduction
- Curriculum
- MAP
- Schedule
- Keeping Safe
- Success Orientations
- Class Expectations
- Communication



Introduction

- Mrs. Hale
 - From the US (Arizona and Texas)
 - 18th year teaching
 - 10th year with QSI-5th year here at QSI Kosovo
 - Teaching all the AP Biology and MS Science
 - The best thing about QSI is mastery learning! Success for all!
 - Wife of Mr. Don Hale and mom to Paul Hale

Curriculum

Overview:

- 10 Essential units for the year
- 3-5 Selective units
- [AP Biology](#)
- [Earth Science](#)
- [11YO Science](#)
- [11 Cultural Studies](#)

Other resources:

<https://kosovo.qsi.org/academics/secondary-school>

<https://resources.finalsite.net/images/v1618908674/qsiorg/pd0daa5iy4spzali1zkf/PathtoGraduationSecondaryLearning.pdf>

Earth Science-12/13YO

- **Essential Units:**

- **E01- Patterns in the Solar System**

- Students evaluate the sun-earth-moon systems and recognize the patterns it creates.

-

- **E02- The Solar System and the Universe**

- Students critique evidence for the origin of the solar system, and our location in the universe.

-

- **E03- The Dynamic Earth**

- Students evaluate how geoscience processes change the earth's surface.

-

- **E04- Earth through Time**

- Students use evidence of plate movement and the earth's changing surface to determine relative age of our planet.

-

- **E05- Circulation of the Earth's Air and Water**

- Students define how the Earth's air and water cycle through affecting the land and oceans.

-

- **E06- Weather and Climate**

- Students predict weather and climate based on evidence from air masses.

-

- **E07- Earth's Natural Hazards**

- Students analyze natural hazards and evaluate emergency procedures.

-

- **E08- Resources in the Earth's System**

- Students investigate the Earth's natural resources and new technologies to cut down on the use.

-

- **E09- Human's Impact on the Earth's Systems**

- Students evaluate and design ways to reduce the impact humans have on Earth.

-

- **E10- Scientific Inquiry and Process**

- In this unit, students will research interactions and processes in the world around them. This inquiry should be student driven and focus on any of the following scientific paths: biology, physical science, earth and/or space science.

- **Selective Units:**

- S01 –Portfolio/Project

11YO Science

Essential Units:

- E01 – Science and Engineering Practices - Students follow personal interests, conduct scientific inquiry, adjust questions, and claims as knowledge is acquired, and report findings.
- E02 – Investigating Energy – Students differentiate types of energy and trace the transfer of energy.
- E03 - Investigating Chemistry - Students investigate states of matter and patterns of chemicals and chemical processes.
- E04 - Investigating Forces - Students discover and experiment with forces and motion.

Selective Units:

- S01 – Engineering and Design – Students discover engineering problems, propose and test, and improve solutions.
- S02 – Further Investigations with Energy - Students continue to work with applications of energy and energy transfer.
- S03 – Further Investigations with Chemistry – Students continue to investigate properties of chemicals and chemical processes.
- S04 – Further Investigations with Forces - Students continue to experiment with applications of forces and motion.
- S05 – Investigating Waves – Students will discover how waves fit into the world of energy and work with applications of waves.
- S06 – Gardening - students will design, construct, monitor, and maintain a garden – hydroponic, indoor, and/or outdoor as facilities and supplies permit.
- S07 -- Further Investigations with Waves - Students continue to work with applications of energy and energy transfer.
- S08 – Portfolio/Project

11YO Cultural Studies

- Essential Units: (must be mastered to complete the course)
 - E01 – Ancient India
 - E02 – Ancient China
 - E03 – The Hebrews and Judaism
 - E04 – Ancient Greece
- Selective Units: (to complete the course content or for additional study)
 - S01 – Home/Host Country
 - S02 – Service Learning
 - S03 – Portfolio/Project
 - S04 – Applying the Inquiry Process
 - S05 – Shaping a Civilization: Art
 - S06 – Debate
 - S07 – Historical Figures
 - S08 – Thematic Research

MAP Testing

- Link to more information: [Family Toolkit - NWEA](#)
- Starts September 19
- Students tested in fall and spring
- Computer based test
- Math and Reading competency
 - Used for teaching purposes

The logo for NWEA, consisting of the lowercase letters 'nwea' in a bold, dark grey, sans-serif font.

2022-2023 Daily Schedule

- Teach 11YO-Sec IV students
- Available to meet after school as needed

Period 1	AP Biology
Period 2	Earth Science (13YO)
Period 3	Counselor Duties
Period 4	Prep Time
Period 5	Earth Science (12YO)
Period 6	Lunch
Period 7	Counselor Duties
Period 8	11YO Science/Cultural Studies
Period 9	Prep Time

Keeping Safe

- Child protection curriculum
- Implemented schoolwide in age appropriate lessons
- Taught on Tuesdays during Advisory schedule
- Parent meeting for more information is September 13 at 5pm.



Keeping
SAFE
Child Protection Curriculum

We all have the right to be safe.

We can help ourselves to be safe by talking to people we trust.

IF YOU NEED HELP YOU CAN TALK TO:

Government of South Australia
Department for Education

The poster features a colorful geometric design with a central point from which several triangles radiate outwards. Two cartoon children, a girl with orange pigtails and a boy with spiky hair, are standing on the right. Two speech bubbles contain the text 'We all have the right to be safe.' and 'We can help ourselves to be safe by talking to people we trust.' A white rounded rectangle at the bottom contains the text 'IF YOU NEED HELP YOU CAN TALK TO:' followed by four horizontal lines for writing. The bottom right corner has the Government of South Australia Department for Education logo.

Success Orientations

What are they?

- Group Interaction
- Responsibility
- Independent Endeavor
- Concern for Others
- Kindness and politeness
- Aesthetic Appreciation
- Trustworthiness

Character Education

- QSI-wide
- Part of building whole person
- Will be recognized in an assembly each month

Classroom Expectations

Students are expected to demonstrate all Success Orientations.

Students are expected to strive to achieve mastery or above mastery in all the required course objectives.

Students are expected to be on time, prepared for class, and participate daily.

Students are expected to complete all assignments, and turn them in on time.

Students are expected to seek extra help from the instructor if they feel they need it (in class or during office hours).

Students are expected to check Teams regularly.



Communication

- Email!
 - Jessica-hale@kosovo.qsi.org
- Science Newsletter
 - Bi-weekly
- Bear Report – School weekly newsletter
- Microsoft Teams-
 - Can see daily activities
 - Message teacher
 - Video conference calling

Virtual School Platforms

- Classes-On Teams
 - Each child has been given an email address with login instructions
 - Used for virtual class meetings
 - All assignments will be located here
- Online Textbooks and resources
 - 11YO Science and Earth Science use Trunity
 - hmh.trinity.org
 - AP Biology use Open Stax textbook & AP Classroom
- Online simulations & labs
 - Gizmos.explorelearning.com



THANK YOU