



Islamic School of Irving

Today's Learners Tomorrow's Leaders



Welcome to 6th Grade Science 2021-2022 School Year

Mission Statement

To provide our children an environment which will enable them to achieve their highest potential, founded on Islamic morals, scholastic excellence, and good citizenship.

ISI Vision

To be the Islamic school of choice in North Texas weaving academic excellence with highest morals and ethics.

Dear Students and Families,

Welcome to 6th grade science! I'm excited about the opportunity to get to know you, and I'm looking forward to a joyful and productive school year. My name is Sr. Shahneela Khalid, and I am your student's science teacher, insha'Allah! I hope to make this class fun, interesting, and enriching. Insha'Allah you will find me to be patient, empathetic, and organized. Here is some important information for the upcoming year.

Curriculum:

Curriculum areas we will focus on this year include.

- ★ Methods of Scientific Investigation
- ★ Matter and Energy
- ★ Classifying Matter
- ★ Earth's Energy Resources
- ★ Force and Motion
- ★ Energy and Energy Transformations
- ★ Earth's Structure
- ★ Rocks
- ★ The Solar System
- ★ Space Exploration
- ★ Interactions of Life

Supply List:

Students are asked to bring the following supplies to school before Friday, Aug 20th, 2021

The following school supplies will be need for science class during the school year:

1. A composition notebook
2. A binder(1.5 inch) with 3 dividers and college ruled papers
3. A metric ruler(30 cm long)
4. A calculator with basic functions(multiplication and division of fractions)
5. Pencils, eraser
6. Two highters(to highlight important concepts in textbooks)
7. One mechanical pencil(for graphing practice)
8. A stack of graph paper
9. Color pencils for drawing diagram

Expectations for the Team:

- ★ Be a GREAT teammate. (This means we respect our teammates by encouraging and working cooperatively with one another.)
- ★ Be prepared for class. (This means having a ready-to-learn attitude, the appropriate supplies and materials for class, and being in your seat before the bell rings.)
- ★ Be attentive to instructions the first time. (I expect my students to pay attention so we do not have to waste class time repeating directions. I do however welcome and encourage questions to increase understanding.)
- ★ Be enthusiastic and positive.

Let's do our very best to accomplish these expectations so we, as a team, can have lots of fun exploring the world of Science!!!

Consequences:

If a student CHOOSES not to follow the team's expectations, there will be consequences for his/her actions based on the Student Handbook. Situations that come up will be handled on a case by case basis.

Late Work

I expect each student to turn in assignments on the date specified. It is the student's and parent's responsibility to ask teachers what assignments are missed. Make-up work will not be given before students are absent. Parents may pick up work on the third day of the absence. Students will be allowed to make-up work at the discretion of the teacher in the case of unexcused absences. First deduction, 10% of the grade and will have a 5% increment for each missed class. After 2 weeks, it will be counted as 0.

Breakdown of Grading Weightage:

- ★ Homework: 15%
- ★ Classwork/Participation 25%
- ★ Projects 20%
- ★ Tests 30%
- ★ Quiz 10%

Special events planned for the year include:

- A. Science Fair
- B. ISI-Olympiad

Upcoming School Events:

Please mark these dates on your calendar. Studies show that parental involvement in a child's education is one of the strongest indicators of student success. We hope you will make it a priority this year to attend as many school-sponsored events as possible.

[ISI School Calendar 2021-2022](#)

Contact Information:

If you have any questions or concerns or if you would like to visit our classroom, schedule a conference, or volunteer to help out, you can contact me at the following times.

- ★ Tue 11:00-12:30 pm
- ★ Thur 8:00 am-10:00am

Once again, welcome to 6th grade. Let's work together to make this the best year ever.

May Allah bless our time together, ameen

Sr. Shahneela Khalid

Email: shahneela.khalid@islamicschoolofirving.org

Phone # 972-812-2230

Please read the following Students' Safety Contract carefully, sign it, and return it by Friday, Aug 20th, 2021 for a classwork grade.

Student Safety Contract

Purpose

Science is a hands-on laboratory class. However, science activities may have potential hazards. We will use some equipment and animals that may be dangerous if not handled properly. Safety in the science classroom is an important part of the scientific process. To ensure a safe classroom, a list of rules has been developed and is called the Science Safety Contract. These rules must be followed at all times. Additional safety instructions will be given for each activity.

No science student will be allowed to participate in science activities until this contract has been signed by both the student and a parent or guardian.

Safety Rules

1. Conduct yourself in a responsible manner at all times in the science room. Horseplay, practical jokes, and pranks will not be tolerated.
2. Follow all written and verbal instructions carefully. Ask your teacher questions if you do not understand the instructions.
3. Do not touch any equipment, supplies, animals, or other materials in the science room without permission from the teacher.
4. Perform only authorized and approved experiments. Do not conduct any experiments when the teacher is out of the room.
5. Never eat, drink, chew gum, or taste anything in the science room.
6. Keep hands away from face, eyes, and mouth while using science materials or when working with either chemicals or animals. Wash your hands with soap and water before leaving the science room.
7. Wear safety glasses or goggles when instructed. Never remove safety glasses or goggles during an experiment. There will be no exceptions to this rule!
8. Keep your work area and the science room neat and clean. Bring only your laboratory instructions, worksheets, and writing instruments to the work area.
9. Clean all work areas and equipment at the end of the experiment. Return all equipment clean and in working order to the proper storage area.
10. Follow your teacher's instructions to dispose of any waste materials generated in an experiment.

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11. Report any accident (fire, spill, breakage, etc.), injury (cut, burn, etc.), or hazardous condition (broken equipment, etc.) to the teacher immediately.
 12. Consider all chemicals used in the science room to be dangerous. Do not touch or smell any chemicals unless specifically instructed to do so.
 13. Handle all animals with care and respect.
 - a. Open animal cages only with permission.
 - b. Never handle any animals when the teacher is out of the room.
 - c. Do not take animals out of the science room.
 - d. Do not tease or handle animals roughly.
 - e. Keep animals away from students' faces.
 - f. Wear gloves when handling animals.
 - g. Report any animal bite or scratch to the teacher immediately.
 14. Always carry a microscope with both hands. Hold the arm with one hand; place the other hand under the base.
 15. Treat all preserved specimens and dissecting supplies with care and respect.
 - a. Do not remove preserved specimens from the science room.
 - b. Use scalpels, scissors, and other sharp instruments only as instructed.
 - c. Never cut any material towards you—always cut away from your body.
 - d. Report any cut or scratch from sharp instruments to the teacher immediately.
 16. Never open storage cabinets or enter the prep/storage room without permission from the teacher.
 17. Do not remove chemicals, equipment, supplies, or animals from the science room without permission from the teacher.
 18. Handle all glassware with care. Never pick up hot or broken glassware with your bare hands.
 19. Use extreme caution when using matches, a burner, or hot plate. Only light burners when instructed and do not put anything into a flame unless specifically instructed to do so. Do not leave a lit burner unattended.
 20. Dress properly, long hair must be tied back, no dangling jewelry, and no loose or baggy clothing. Wear aprons when instructed.

21. Learn where the safety equipment is located and how to use it. Know where the exits are located and what to do in case of an emergency or fire drill.

AGREEMENT

I, (student name -----) have read and understand each of the above safety rules set forth in this contract. I agree to follow them to ensure not only my own safety but also the safety of others in the science classroom or laboratory. I also agree to follow the general rules of appropriate behavior for a classroom at all times to avoid accidents and to provide a safe learning environment for everyone. I understand that if I do not follow all the rules and safety precautions, I will not be allowed to participate in science activities.

Student Signature -----

Date: -----

Dear Parent or Guardian:

We feel that you should be informed of the school’s effort to create and maintain a safe science classroom/ laboratory environment. Please read the list of safety rules. No student will be permitted to perform science activities unless this contract is signed by both the student and parent/guardian and is on file with the teacher. Your signature on this contract indicates that you have read this Science Safety Contract, reviewed it with your child, and are aware of the measures taken to ensure the safety of your son/daughter in the science classroom.

Parent/Guardian Signature -----

Date:-----

Important questions:

1)Does your child wear contact lenses?

Y or N

2)Is your child color blind?

Y or N

3)Does your child have any allergies?

Y or N

If so, please list:

