I am Mr. Javier Zamora Sr. and I welcome your child to my science class this year.  If you need to contact me, you can call 713-778-3380 and schedule a meeting, or feel free to e-mail me at [Jzamora2@houstonisd.org.](mailto:Jzamora2@houstonisd.org.)

**Course: 6th, 7th, GRADE SCIENCE** **Course Description:**

Science is a course designed to provide instruction in the areas of physics, chemistry, earth, and life sciences. While using the school textbook and materials that supports 6th,7th,and 8th grade science, the students will be working on a daily basis on warm-ups, assignments, quizzes, tests, paper work, journals, intensive vocabulary studies, on-line research, audiovisuals, use of electronic devices, use of lab equipment, projects, laboratories, and tutorials. This course is developed according to the HISD curriculum and the Texas Essential Knowledge and Skills for Science (TEKs).

**6th grade Science Curriculum**

Unit 1. Classification of Matter Unit 8. Simple Machines

Unit 2. Metals, Nonmetals, and Metalloids Unit 9. Rock Cycle

Unit 3. Chemical Changes and Density Unit 10. Plate Tectonics

Unit 4. Energy Introduction Unit 11. Space and Science

Unit 5. Thermal Energy. Unit 12. Cells

Unit 6. Energy Resources Unit 13. Classifying Organisms

Unit 7. Force and Motion Unit 14. Ecosystems

**7th grade Science Curriculum**

Unit 1: Levels of Organization

Unit2: Structure and Function of Cells

Unit 3: Genetics Part 1 Inheritance of Traits & Part 2 DNA, Chromosomes, & Genes

Unit 4: Human Body System Part 1 Nervous, Endocrine, Circulatory, Respiratory Part 2 Response to Stimuli

Unit 5: Human System Part 1 External Stimuli Part 2 Internal Stimuli

Unit 6: Human Body System Part 1 Digestive, Work & Energy Part 2 Systems and Responses

Unit 7: Variation within Species Part 1 Variations and Classification Part 2 Adaptation

Unit 8: Natural Selection and selective Breeding

Unit 9: Plants

Unit 10: Biodiversity of Ecosystems

Unit 11: Catastrophic Events and ecosystems

Unit 12 Characteristics of Our Solar System

**Snapshot Assessment 1** September 15-22  **Snapshot Assessment 4** Jan. 26 –Feb2

**Snapshot Assessment 2** October 20 -27 **Snapshot Assessment 5** March 2-9

**Snapshot Assessment 3** December 1-8

**CLASSROOM NORMS AND RULES**:

Norms are consistent and efficient patterns of behavior that make the classroom a safe productive learning environment. The students must:

* Be respectful at all times
* Arrive to class with all their supplies ready to learn
* Comply with HISD and Jane Long Middle School policies
* Follow classroom procedures: write the lesson objectives and/or homework in the student agenda; keep and updated and organized binder; take notes in composition science notebook; follow the laboratory safety rules and procedures; complete all the classroom or lab activities; finish all the classroom assignments on time; participate in classroom discussions, labs, and activities; and turn in homework, assignments, and projects on time.

**GRADING SCALE**

Test 45% (Assessment)

Quiz 25% (Assessment)

Classwork 20% (Performance)

Homework 10% (Performance)

**MATERIALS REQUIRED**:

2 Packages Notebook Paper 1 Set of Dividers Several pencils

1 Package of graph paper 2 Highlighters several pencils

2 ruled Composition Notebooks 1 1½ Three-Ring Binder 2 boxes of colored pencils

1 Set of Dividers 1 Pencil Sharpener 4 Glue Sticks

1 white out I ruler (30 cm) Several Blue and Black Pens

1 bottle of glue (white 4 FL 5 Pocket & Brad Folders (blue, green, yellow, red and orange)

**Science homework** will be provided on a daily basis. Homework assignments will be posted on the following school website: http://hisd.schoolwires.net

**CONFERENCE TIMES:**

If you would like to set up a time to meet with me. Please contact *the front office* at G (713) 778-3380. I will be available for conferencing by appointment only