



Dr. Chopra
Laboratory
Classroom: 309

Science
Pope John Middle School

Classroom Rules and Procedures

“Consult not your fears but your hopes and your dreams. Think not about your frustrations, but about your unfulfilled potential. Concern yourself not with what you tried and failed in, but with what it is still possible for you to do.”

[Pope John XXIII](#)

Introduction:

Welcome to the science laboratory. This is your workplace to learn the mesmerizing magic of science and technology. I will make science as interesting as possible by bringing basic scientific concepts from our day to day life, provide hands-on experience to demonstrate these concepts and give wings to your scientific imaginations. We all live by rules in our day to day life and we follow the same in this classroom to encourage a positive learning environment for everyone.

Entering the classroom:

- Always enter the classroom in a **quiet** and **orderly** manner.
- Once in this classroom, start opening your agenda books, be ready with other supplies such as a notebook, sharpened pencils and make sure to bring laptops completely charged from your home.
- **Be seated all the time in your assigned seats.**
- Keep your homework at your desk until I collect them.
- **Raise your hands to ask questions.** Your inquisitiveness, asking questions, clearing doubts, bringing new ideas to the table, and critical thinking will always be encouraged in this classroom with only the condition of being respectful to each other.
- Keep your hands and feet to yourself, don't invade other student's personal space.
- **No cell phones allowed during the classroom. Keep them switched off and in the designated area till the end of school.**

Laboratory expectations:

Don't handle any lab equipment/material kept on the table in the laboratory section of your classroom without safety training, instructions and most important my permission. Avoid snacking in the science classroom.



Bathroom/ water fountain policy:

Ideally, you should use the bathroom between classes during the passing period. You will have to wait till the end of instructions to use the water fountain/bathroom. You are free to use the bathroom after class instructions are over. Raise your hands for bathroom permission, fill the exiting and returning time in the forms kept close to the door. Make sure that you return to class immediately after using the bathroom.

Homework and assignments rules:

Homework and reading material is for your practice at home for all the concepts you learnt and practiced in the science laboratory. Only completed, accurate and on time submitted homework will be graded with **full marks**. Keep your completed homework in the folder provided in the classroom. Late homework will have a penalty. **80%** credit will be awarded for homework/assignment/projects late by 1 day and **50 %** credit for all other dates till the end of 1 week from the due date. After that assignment will be not accepted. Self study of basic concepts for a minimum of 1 hour at home is expected. This is essential to revise all the concepts and lessons regularly.

If you are absent, it is your responsibility to collect the work you missed during your absence. All the material will be loaded on google classroom for your study during absence, so that you don't lag behind. You have as many days as you were absent to return missed homework/assignments. After that it will be considered late.

In case of emergency or unavoidable circumstances, make-up tests and quizzes will be provided after discussion with the classroom teacher. As a parent, you will be regularly notified about late homework and grades.

Grading Policy:

A = 90-100,

B = 80-89,

C = 70-79,

D = 60-69,

F = 59-0

Grading-

Daily homework	10 %
Class quizzes	20 %
Tests (Common Assessment)	45 %
Science Projects (posters, demonstrations and lab work)	15 %
Participation marks	10 %

Science projects will be evaluated as following : (Rubric)

- 1) Clarity (20 %)
- 2) Conciseness (20 %)
- 3) Content (20 %)
- 4) Neatness (20 %)
- 5) Organization skills (20%)

Participation marks are awarded in accordance to students participation in the classroom, asking questions, participating in discussions and overall behavior in the classroom.

Classroom exiting rules:

This is your classroom and your learning space. Keeping it neat and clean is your responsibility too. No writing or tagging on desks, textbooks, walls. Before leaving the classroom, clean your desk and keep things back to their assigned areas and chairs /stools are pushed in before you go. You are our future role models, so I expect you to exit the classroom in an orderly and calm manner.



I have read and agree to all of the above-mentioned rules for my child's class.

Parent/Guardian's name printed:

Parent's or Guardian's signature: _____

Student Name Printed: _____

Student Signature: _____

Teacher Signature: _____



Science curriculum for 6th grade

The middle school science curriculum is a mixture of Physical, Chemical and Engineering Sciences, Earth and Space Sciences, and Life Sciences. In 6th grade the following courses will be completed. The following guide is not exhaustive, but rather a framework that has been adapted from the state standards. The amount of time spent on different topics is subject to change depending upon a number of factors.

Week 1

Introduction to 6th Grade Science

Students will:

- Get to know the teacher and help the teacher get to know them
- Learn expectations for the class,
- Communicate goals, concerns, and give input about things they'd like to do
- Discuss upcoming topics
- Safe laboratory practices, Fire drill,
- How to choose the appropriate tools for the tasks
- How to identify/develop variables and controls

Week 2-5

Earth, Water and Atmosphere

- Circulation of Earth's air and water : Water and Air circulation
- Weather and Climate : Climate change

Weeks 5-15

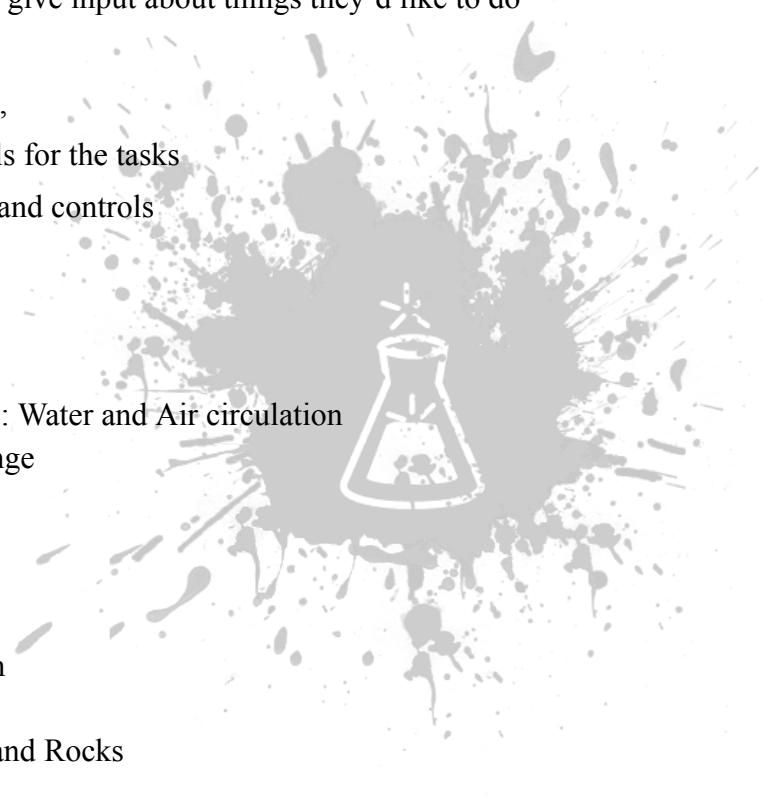
Geological processes and History

- Weathering, Erosion and Deposition
- Rock cycle and crystal formation
- Tectonic movements, Age of earth and Rocks

Weeks 15-25

Earth and Human activity

- Natural Hazards, Natural hazard predictions and reducing impact of them
- Resources in earth systems and distribution of them
- Human population and limited resources
- Human impact of resources and reducing human impact on nature and environment
- Climate change and its impact on humans, Greenhouse effect





Weeks 25-END

Space Sciences

- Earth-Sun-Moon and Solar System
- Light travel and solar spectra
- Moon Phases and solar eclipses
- Space-time and Gravity Picture

6th Grader google classroom codes:

6th period (6 Grade Level) - 7cjoyttf

<https://classroom.google.com/c/Nzk2MjE0Mzk2ODgz?cjc=7cjoyttf>

7th period (6 Accelerated class)- sphkz6ky

<https://classroom.google.com/c/ODAxMjcxODU4NjM2?cjc=sphkz6ky>

Personal Homepage : <https://sites.google.com/popejohn23.org/drachopra/about-me>