

SMART WONDERS SCHOOL
Term 1 Practical Schedule (2025-26)
Class 9 &10



Friday, 8th August 2025

SWS/ACD/2025-26/54A

Dear Parent

Warm greetings from Smart Wonders!

Please find below the Practical schedule.

Class	Artificial Intelligence/ Marketing & Sales	Computer Applications	Science
9A	12 August (Tuesday)	13 August (Wednesday)	18 August (Monday)
9B	11 August (Monday)	13 August (Wednesday)	18 August (Monday)
9C	14 August (Thursday)	13 August (Wednesday)	18 August (Monday)
10A	20 August (Wednesday)	21 August (Thursday)	19 August (Tuesday)
10B	21 August (Thursday)	21 August (Thursday)	19 August (Tuesday)

Subject wise Instructions:

- **Artificial Intelligence:** The students must bring their Python Practical File (if not submitted yet).

Class 9

Practical: Python programs to be performed.

Topics for Viva: AI Reflection, Project Cycle, Ethics.

Class 10

Practical: Python programs to be performed.

Topics for Viva: Evaluating Models & Computer Vision.

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- **Marketing & Sales:**

- Class 9**

For Practical-Case study (Different concepts of Marketing)
For Viva-Mid term Syllabus

- Class 10**

For Practical-Case study (Marketing Mix)
For Viva-Mid term Syllabus

- **Computer Applications:** Class 10 students must bring their HTML Practical File (if not submitted yet).

- Class 9**

Practical: MS Word Assignment to be performed
Topics for Viva: Basics of Computer System

- Class 10**

Practical: HTML Assignment to be performed
Topics for Viva: Networking

- **Science:** The students must bring their Science Practical File.

- Class 9 List of practicals:**

The list of practicals is as follows:

1.Preparation of:

- a) a true solution of common salt, sugar and alum
- b) a suspension of soil, chalk powder and fine sand in water
- c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency filtration criterion stability

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2. Preparation of

- a) A mixture
- b) A compound

using iron filings and sulphur powder and distinguishing between these on the basis of:

- (i) appearance, i.e., homogeneity and heterogeneity
- (ii) behaviour towards a magnet
- (iii) behaviour towards carbon disulphide as a solvent
- (iv) effect of heat

3. Preparation of stained temporary mounts of onion peel cells & to record observations and draw their labeled diagrams.

4. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, from prepared slides. Draw their labeled diagrams.

Class 10 List of practicals:

1. A. Finding the pH of the following samples by using pH paper/universal indicator:

- (i) Dilute Hydrochloric Acid
- (ii) Dilute NaOH solution
- (iii) Dilute Ethanoic Acid solution
- (iv) Lemon juice
- (v) Water
- (vi) Dilute Hydrogen Carbonate solution

1. B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:

- a) Litmus solution (Blue/Red)
- b) Zinc metal
- c) Solid sodium carbonate

2. Performing and observing the following reactions and classify them into:

- A. Combination reaction
- B. Decomposition reaction
- C. Displacement reaction
- D. Double displacement reaction
- (i) Action of water on quicklime
- (ii) Action of heat on ferrous sulphate crystals

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- (iii) Iron nails kept in copper sulphate solution
 - (iv) Reaction between sodium sulphate and barium chloride solutions
3. Preparing a temporary mount of a leaf peel to show stomata.
4. Experimentally show that carbon dioxide is given out during respiration..
5. Determination of the focal length of:
- i) Concave mirror
 - ii) convex lens
- by obtaining the image of a distant object
6. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
7. Tracing the path of the rays of light through a glass prism.

Warm regards

Ruchika

Ruchika Sharma
Principal