# SANSKRUTI-AN ENGLISH MEDIUM SCHOOL

SESSION: 2025–26

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LESSON PLAN (Chapter wise)

SESSION-2025-2026

**NAME OF THE TEACHER:** Poorva Sharma

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**CLASS & SECTIONS:** 6 A, B

**NAME OF THE CHAPTER/LESSON:** Data Handling and Presentation

**OBJECTIVES:**

\* To understand the concept of data and its sources.

\* To learn how to collect, organize, and represent data using tally marks and tables.

\* To interpret data presented in tables and draw inferences.

\* To differentiate between situations requiring data collection and those that don't.

**LEARNING OUTCOMES:**

\* Students will be able to define data and give examples.

\* Students will be able to collect data using surveys.

\* Students will be able to organize data using tally marks and frequency tables.

\* Students will be able to interpret data from tables and answer questions based on it.

\* Students will be able to identify situations requiring data collection.

**DURATION:** 4 days (50 minutes per day)

**PEDAGOGY TO BE USED:**

\* Interactive lectures with examples

\* Group activities and discussions

\* Hands-on activities involving data collection and representation

\* Question-answer sessions

\* Use of real-world examples to make the concept relatable.

**RESOURCE REQUIRED:**

\* Whiteboard or projector

\* Markers or pens

\* Chart paper

\* Worksheet (provided)

\* Sample data sets (can be prepared beforehand or sourced from real-life situations)

**ART INTEGRATION ACTIVITY:**

Students will create bar graphs or pictographs to represent the collected data on their favorite games. They can use colorful markers and decorate their charts creatively.

**SEA(S):** (Student Engagement Activities)

**Day 1:** Brainstorming session on different types of data. Students share examples from their daily lives.

**Day 2:** Role-playing the scenario of Navya and Naresh collecting data on favourite games.

**Day 3:** Creating a class survey on a topic of their choice (e.g., favorite subject, favorite pet).

**Day 4:** Presenting and interpreting the data collected through the class survey using bar graphs.

**STUDENT ENGAGEMENT PLAN:**

\* Frequent questioning to check for understanding.

\* Use of real-world examples to make the concept relevant.

\* Encouraging student participation in discussions and activities.

\* Providing opportunities for peer learning through group work.

\* Incorporating games and interactive activities to maintain engagement.

**NO. OF HOME FUNS WITH DETAILS:**

1. Students will conduct a small survey at home on a topic of their choice and prepare a tally chart to represent the data collected. (e.g., favourite TV shows within the family)

**NO. OF WORKSHEET TO BE SHARED:** 1 (containing practice problems on tally marks, tables, and interpretation of data).

**NO. OF PPTs TO BE SHARED:** 0 (Visual aids will be provided on the board or projector)

**COMPETENCY BASED QUESTIONS BASED ON BLOOM'S TAXONOMY:**

**\* \*\*Remembering:** \*\* What is data? Give three examples of data.

**\* \*\*Understanding:** \*\* Explain the purpose of using tally marks in data collection.

**\* \*\*Applying:** \*\* Create a tally chart for the following data: (Provide a list of items)

**\* \*\*Analyzing:** \*\* Compare and contrast the data from two different tally charts.

**\* \*\*Evaluating:** \*\* Which method of representing data is most effective for this particular dataset and why? (Provide a dataset)

**\* \*\*Creating:** \*\* Design a survey questionnaire to collect data on a topic of your choice.

**NO. OF ASSESSMENTS:** 1 (Worksheet and class participation)

**PROJECTS IF ANY:**

Students will work in groups to conduct a survey on a topic of their choice and present their findings in the form of a chart or graph.

**MULTIDISCIPLINARY ASPECTS:**

**\* \*\*Social Studies:** \*\* Analyzing census data or population statistics.

**\* \*\*Science:** \*\* Recording and interpreting scientific observations.

**SIGNATURE WITH DATE:** Poorva Sharma / 24/06/2025