

BUDDING SCIENTISTS CLUB-Class IV

DATE-18.10.2024

INVISIBLE INK ACTIVITY

The students were told to bring materials like A-4 size white sheets, lemon juice, ear buds etc. to perform invisible ink activity in the class.

LEARNING OUTCOMES	ACTIVITIES INVOLVED
The students will be able to:	
<ul style="list-style-type: none">• apply their prior knowledge and interest on secret messages.	BRAIN STORMING- The students were engaged in pre-activity questions like- <ul style="list-style-type: none">➤ What is invisible ink?➤ Historical uses of invisible ink.➤ What kind of messages would you like to write with invisible ink.
<ul style="list-style-type: none">• follow the steps involved in the activity.	DEMONSTRATION- The learners were explained stepwise details of activity using an illustrated power point presentation.
<ul style="list-style-type: none">• learn about the properties of lemon juice, develop problem-solving skills and apply scientific principles.	ACTIVITY METHOD- The teacher guides the students how to write a message with lemon juice on paper, reveal it using heat and explain the science behind lemon juice as invisible ink.
<ul style="list-style-type: none">• explore how lemon juice reacts to heat and the chemistry behind invisible ink.	SPEAKING ACTIVITY- The students will share their decoded messages in the class. They will be encouraged to communicate effectively, think critically and build confidence in speaking.

