Peniod Plan-10 Mai-Talim -> Experiential learning/ community Engagement Mame of the Faculty: - Firdous Fatima claus:- IX Subject:- Biolody Lesson Mame:- Blood Duration of the denon: - us minutes (2 period) -> Concept(s) covered:--> Blood as connective tissue. - 3 Blood components: RBC, WBC, platelets, plasma -> Blood group types: A, B, AB, O
-> Rh factor: positive and megative - Importance of knowing blood group in emengencies. Yocation(s) or occupation that can be Connected to this lesson: -> Doctor Pathologist -> dab Jechnician -> Blood Bank Worker -> Nurse 3 Health Edugator -s Medical Representative -> Skills that can be Inculcated:--> Scientific reasoning and inquiry -> Health awareness -sobservation and analysis. 4 Hands-on tab practice Is communication and reporting - Interdiscriptionary concepts that can be Integrated is Brology- Blood composition and antigens.

	alanoschen n
1	chemistry-Reaction between antigens and autibodies
1	munutur) and opening the
	blood types
1	Health Education - Personal safety, emergency
	response
1	social science- Role of blood donation in
-	(serety
	Marin In the Marin Street Street
1	Leaming outcomes:-
-	students will be able to-
	- 3 Identify and explain different blood groups and
	Rh factor.
	3 Understandisate blood transfusion practices
	-> Perform a blood group test
	-> Record and analyze group-wise data.
	-> Appreciale the value of health awareness
	and community service.
	C-11.A. Col. Alcolo
->	Tools/Materials Needed?
	-> Blood typing kits (Antigen reagents A, B and An)
	-> Disposable lancet
	-> Stemile cotton and alcohol swabs
	> Glas Slides/test cards.
	> toothprcks anoppers.
	-s Glove's and first and box
	-> Consent letter from parent
	-s Record sheet
	- Minimano minima
>	Steps:
	pre-Activity
>	Teacher Briefing:-  Explain what blood rs, its groups, and
	Explain what blood is, its groups, and
	ph lanton
	MI Jacob

	- Explain safe methods for blood group
	testing
	-> Emphasize importance of hygrene and
	consent
	-> Divide class into 3 campus groups for
	testing (e.g., group AB,C)
->	Preparation:
	-> Send parental Consent forms
	-s prepare materials and ausign duties
	(recording, aussisting, observing),
-3	Activity/campus-Based Blood Group Testing):-
	-> clearing finger with alcohol swab.
	-> Pricking with sterrle lancet
	-> placing drop of bolood on test slide with
	AB and Rh' reagent.
	- Observing agglutination reaction
	- Interpreting blood group and recording.
- 3	Dad 110 014
	Post Activity:
	Data Analysis
	* Tally blood groups by type (A,B, AB,0) and Rh(+/-)
	* chart distribution.
	* Discuss common and rare groups * Encourage students to note their group for
	medical JD.
	Discussion questions:
	-> Why is blood group testing important in
	emergencres?
	-> Which group in universal donor? Universal
	-> can this activity help during disaster and

accident response.

precoutions:

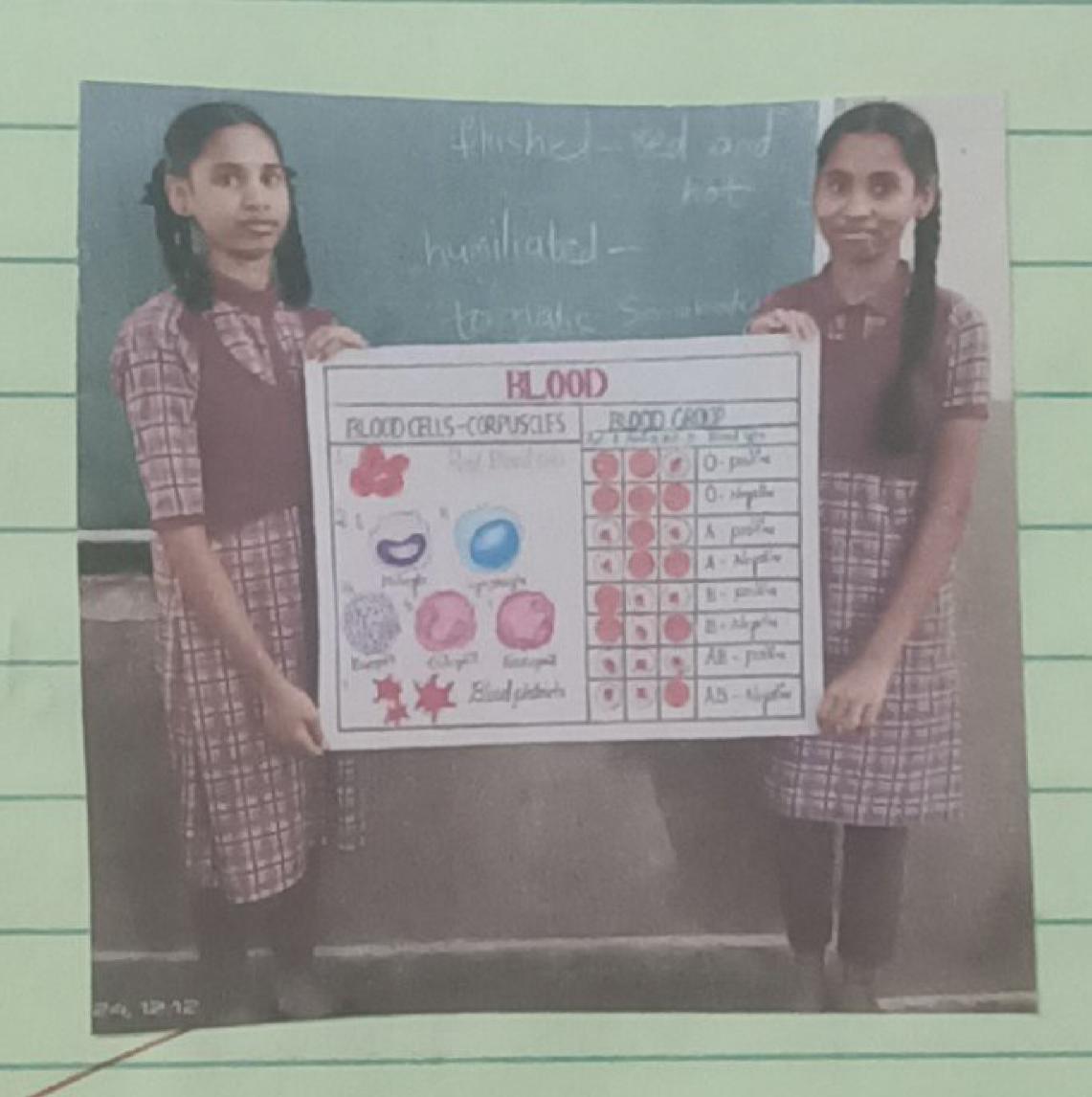
\* Use only sterile and disposable materials

\* Wear gloves and dispose of sharps properly A NO forceful testing, only voluntary with

\* Have a first and kit and trained adult mesent

\* Maintain Confidentiality and student dignity.

Create port-fotio that can be Assessed:



Assessment of students: students will be assessed on

-> Partrapation in activity

- Accuracy in recording and reporting data

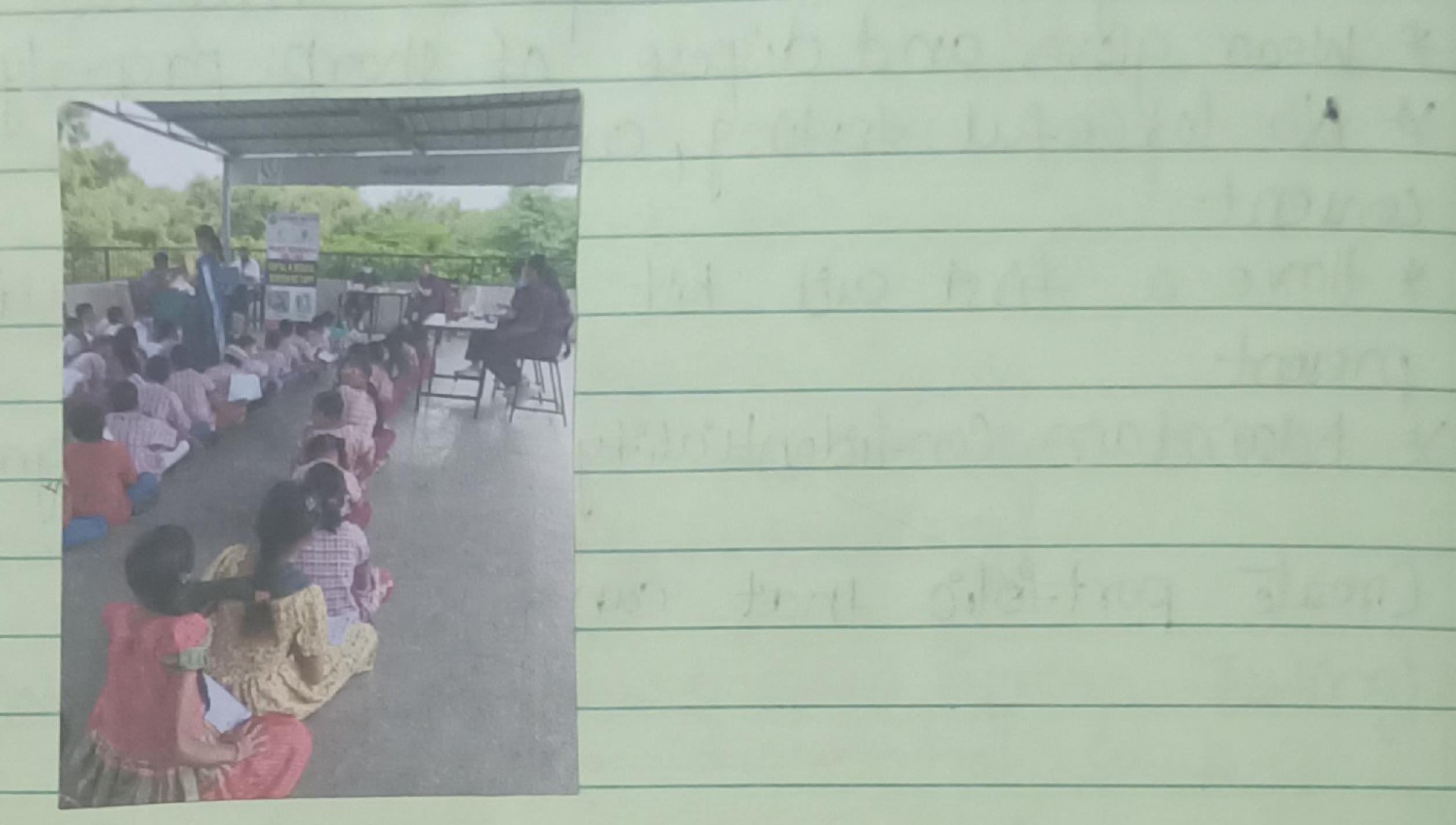
-> worksheet on blood group identification

-s oral questions during reflection discussion.

Is pear ansenment on group work and hygrene mantenance.

Kef evence 1-

> Telangana State 9th Biology, textbook



Blood Group Camping.

