Name:	Date:
Period: Do Now#	2.10 Homework: 2.10
Aim: How are materials c	irculated in humans?
Vocabulary: (12)  1. Blood  3. Marrow  2. plasma  4. RBC	5. hemoglobin 7. platelets 9. antigen 11./mmunity 6. WBC 8. antibodies 10. clotting 12. phagocyfes
What is <b>blood</b> ?	• Only fluid in the body.
What are the different parts of the blood?	1. Plasma  > 75 % of the blood.  > Clear, mainly water  > Liquid part of the blood.  > Transports: a. wastes  b. nutrients c. Salts
What makes the blood	> Regulates body temperature .
red?	2. Red Blood Cells (RBC)  Disc shaped.  Produced by bone marcow  Transport oxygen  No hucleus  Contain hemoglobin (protein in RBC)  * Hemoglobin needs Iron  Live up to 120 days.  Destroyed and removed by spleen and liver  About 5 million in a drop of blood.
What happens when you have less RBCs?	1. Anemia 2. Less oxygen

Questions/Main Ideas:	Notes:
Which blood cell	3. White blood cell (WBC)
prevents disease?	> With nucleus
	> 200,000 - 250,000 cells per drop.
	Produced by marrow.
	>   ncrease in number during infections.
Vilaumed III aspira	erythocytes medium monocyte
What are 2 types of	a. Phogocytes ()
WBC's?	Engulf bacteria.
no bady.	b. Leukocytes
	> Develops Immunity
	A Park Starmer
	> Produce <u>antibodies</u> that
	neutralize antigens. tasophi cosinophi neutrophi
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What is the smallest	4. Platelets (form scabs)
particle in the blood?	➤ Not a <u>cell</u> .
	> No hucleus.
	➤ Last <u>5-10</u> days.
	> For blood <u>clotting</u> .
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(24) (2) (3) (3) (4) (4) (5) (4) (4) (6)	AND YARAM Red Cells
(Otto in its property)	otokxo s S S S S S S S S S S S S S S S S S S
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	Platelets 3
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	White Cells -
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Summary: 2 points	
The blood can	What Engineers when 1. Apenia.
Red blood cells transpo	with there described to the following state of the property of the state of the sta

Platelets can help in

To be immune to a disease my white blood cells