Prior Learning: Animals have body systems P.O.S – Animals including humans

Concept – biology cell development

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Facts	Vocabulary
1. Definition of circulatory system:	
a) The system that circulates blood through the body, consisting mainly	
of the heart, blood vessels, blood	
2. Function of the parts:	blood flow to head and arms
a) Heart - an organ that pumps blood throughout the body	superior
b) blood vessels - transport blood throughout the body	vena cava
c) blood - supplies oxygen and essential nutrients to cells and tissues,	putmonary arteries putmonary webs
3. Blood vessels:	
a) Arteries – Take blood AWAY from the heart to the body organs and	
tissues. When blood is pumped through these, you can feel your pulse	Inferior
b) Veins – Take blood TOWARDS the heart from body organs and tissues	vena cava
c) Capillaries – Tiny blood vessels which take the blood into organs and	blood flow to digestive system and lower limbs
tissues.	
d) Circulatory system:	
a) The right atrium collects the deoxygenated blood from the body, via	Superior Vena Cava
the vena cava. It sends the blood to the right ventricle.	
b) The right ventricle pumps the deoxygenated blood to the lungs. Here	Aorta Pulmonary Artery
the blood picks up oxygen and disposes of carbon dioxide.	Pulmonary Vein
c) The lungs send oxygenated blood back to the left atrium which	Left
pumps it to the left ventricle.	Right Atrium Mitral Valve
d) The left ventricle pumps the blood to the rest of the body, via the	
aorta.	Pulmonary Valve Bioht
4. How to keep the body healthy:	Tricuspid " Ventricle
a) Diet - the kinds of food that a person, animal, or community	
habitually eat	Inferior Vena Cava
b) Exercise: - activity requiring physical effort, carried out to sustain or	Human Anatomy:
improve health and fitness	Effects of Substance Abuse Information about organ
f) Why is good nutrition important?	Head Neck & Throat
a) Good nutrition is an important part of leading a healthy lifestyle.	drug Trepriter, et al., 2013 - Substance abuse can also lead to multiple differnt psychiatric disorders.
b) Combined with physical activity, your diet can help you to reach and	Crug packet may lead to many respiratory
maintain a healthy weight, reduce your risk of chronic diseases (like	Control Contro
heart disease and cancer), and promote your overall health.	3 Australia Manach
g) Nutrients:	-Inframention of stomach -Noominal carl Network INH, 2012)
a) transported throughout the body through blood via capillaries, tiny	4
blood vessels that connect arteries to veins.	5 - Cereini oruge ser case a constantion unich art ihre ihre do constructions - dimonstry can lead to multiple attiment cances, incluing calor cases
b) Nutrients, oxygen and wastes all pass in and out of the blood through	Heart (NHK. 2012) The abuse of most drugs have adverse effects on the cardovalcar system.
the capillary walls	
h) Definition of drugs and their effect:	The main function of the liver is to fitter out any harmful substances from the blood
a) a medicine or other substance which has a physiological effect when	any nambu locatances from the loca. Yes and drugs are abused in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live any nambu locatances in the live works ear and monot can result in live ear and monot c
ingested or otherwise introduced into the body.	Kotega Drugs om nasse dengetous horeses in body temperature annualeb treatedown which
b) Stimulants speed or 'stimulate' the central nervous system making	can eas to koney demogenerative, (kin), 2012) Reproductive Bystem
you feel more alert and confident	- Annobence 21, 21, 4700 s - Binhi setests miscaring as premature an influe units regists
c) can cause increased heart rate, blood pressure and body	simble units and the second second a model and second wave forth
temperature, reduced appetite, agitation and sleeplessness	the second structure and the second structure to the
Websites:	Impact drugs can have on the body: