NAME:	DATE:
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TOBACCO UNIT: LESSON 1 WHAT TOBACCO DOES TO THE BODY

Learn about ...

Why all forms of tobacco are harmful to health The substances in tobacco that cause health problems How tobacco effects various parts of the body



HARMFUL SUBSTANCES IN TOBACCO

THE E	BIG THREE - SUBSTANCES THAT	ARE ESPECIALLY HARMFUL	
1.	NICOTINE	The addictive drug found in tobacco.	
2.	TAR	Thick dark liquid that forms when tobacco bur	ns.
a,	What does this liquid to? COATS T	THE LINING OF THE LUNGS AND CAUSES DISE	ASE:
3.	CARBON MONOXIDE - 0	Colorless, odorless poisonous gas that forms when tob	acco
	burns.		
OTHER	R SUBSTANCES AND THEIR NEGAT.	IVE EFFECTS ON THE BODY	
	• _CYANIDE		
	METHANOL		
	FORMALDEHYDE		
	FORMSO	F TOBACCO	3

ГОВАССО	can be	_SMOKED		CHEWED	,INHALED
1CI	GARETTES_			AGENT CONTRACTOR OF THE STATE O	
a.	Do filters v	vork?	_NO!!!!		
b.	Flavored o	igarettes ma	y taste and	d smell sweet BU	r

Produce more tar, nicotine and carbon monoxide than regular cigarettes

2CIGARS AND PIPES a. How much more carbon monoxide than cigarettes?25
b. More likely to developcancer of lip, tongue and mouth
3SMOKELESS TOBACCO
a. Higher risk ofmouth esophagus, larynx and pancreas
b. Can also developgum disease and stomach ulcers
WHICH ONE OF THE ABOVE IS GOOD FOR YOUR BODY?NONE
TOBACCO's EFFECTS on the BODY
TOBACCO HAS HARMFUL EFFECTS ON ALMOST ALL BODY SYSTEMS.
Our textbook looks at 5 of them
1. RESPIRATORY SYSTEM –
• damages the ALVEOLITINY ELASTIC AIR SACS WHERE CARBON DIOXIDE AND
OXYGEN ARE EXCHANGED IN THE LUNGS
• damage leads to EMPHYSEMA_A DISEASE THAT DESTROYS THE ALVEOLI
• _SMOKERS ARE 12-22 MORE LIKELY TO DEVELOP LUNG CANCER
2. DIGESTIVE SYSTEM –
• _INCREASE RISK OF CAVITIES AND GUM DISEASE
• _DULLS THE TASTE BUDS AND CAUSES STOMACH CANCER
• _LINKED TO CANCER OF MOUTH, THROAT, ESOPHAGUS, STOMACH, PANCREAS
3. NERVOUS SYSTEM –REDUCES FLOW OF OXYGEN TO THE BRAIN, WHICH CAN
LEAD TO STROKE
4. CIRCULATORY SYSTEMLINKED TO HEART DISEASE
5. EXCRETORY SYSTEM INCREASED RISK OF DEVELOPING BLADDER CANCER