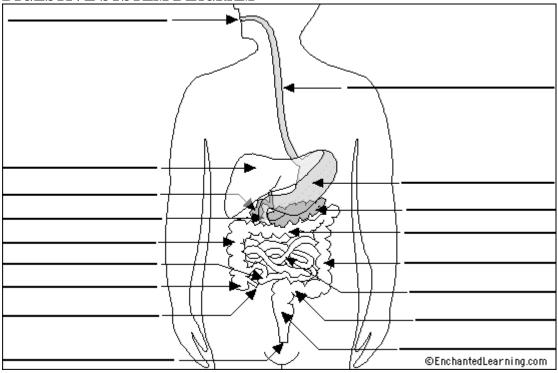
SBI 3C: DIGESTIVE SYSTEM:

DIGESTIVE SYSTEM DIAGRAM:



STAGES OF DIGESTION:

1.						
	•					
2.						
	•	Breakdown	into	smaller components by		
			and		means	
3.						
	•	Absorbing digested		into	of	
		digestive tract				
4.				_		
		Removal of		food materials from t	the body	
	1 · TNI/	ESTION:				
SIEL			o 1			
•		the				
		moistens	8			
•		in saliva	() breaks down	L	
•	Muscular push Epiglottis – flap covers		pushes f	es food back to		
•				so food doesn't get in		
•		w				
	downy	ward through waves of $_$		called		

•	STOMACH:					
	Food moves in and o	ut through	(c	circular muscles)		
	▶ Stomach					
)		:			
	Breaks down					
	.	foreign organ	isms () in food		
)	<u>:</u>				
)					
			into			
)					
		ach				
	Some absorption of _		_,	and		
		here				
•	SMALL INTESTINE:	.1				
	• Up to in le					
	The small intestine in		•			
	the					
	• It is the					
	Camatas					
	Secretes	v	vinch completes	s digestion of		
	Only the small intes	• Only the small intestine can absorb (fats),				
	- Omy the sman intes	and		(from proteins)		
		, and				
ACCI	ESSORY ORGAN: PANCRE	AS:				
)	Secretes		,			
	, and		into t	he		
	to b	reak down carbol	nydrates, protei	ins and fats		
•	Neutralizes stomach contents (called)					
	before they enter the					
	-					
ACC	ESSORY ORGAN: LIVER:					
•	Weighs between		_ of adult huma	an body weight		
•	Besides, it is					
•	Roles:					
•	and		blood draining	from the		
	, small i					
		-				
•	Stores		ai	nd		
•	Converts	and	i	nto active forms		
•	Makes	which helps brea	ık down			

STEP 2: DIGESTION:

ESSORY OF	RGAN: GALLBLA	ADDER:	
	and		bile and delivers it to the
		during a	
Not an	0	organ, people can liv	ve without their gallbladder
Gallbladde	er is sometimes _	be	ecause of
which are	hard "stones" ma	de of	and
P 3 ABSORE			Anatomy of Small Intestine
Most	(of	lumen
	takes plac	ce in small	villus
intestine			small intestine
Small inte	stine is lined with	h	bloo
	<u> </u> :		gobi
▶ Fing	ger-like		cell
	increase		lymph lymph intes
			nodule
for a	absorption		venu
101 (to sorp troir	S	ection of Intestinal Wall
			Villi
GE INTEST	TNE:		
		in l	lenoth
The large	intestine (also kn	own as the	reabsorbs
The large	and	lown as the	
Harmlage	anu	livo horo produ	 cing vitamin and
Any		food that ram	lains is called
Food mot	ton is stored hore	hoforo	through the anus
recai illati	er is stored fiere	Delore	through the ands
P 4: EGEST	ION:		
Occurs in			
-	ponent of feces:	. 1	
			,
	not be digested by		
Livi	ng and dead		
	waste	es are removed thro	ough
▶ Peop	ple who don't eat	enough	(plant
mat	erial and fibre) h	ave	(plant bowel movements and are
at r	isk of		
RETORY SY	STEM:		
NEYS:	= 44414		
	size of a		
	proximately		
			at aith an aida af
			at either side of
	colun		
ruter	a	and remove	
▶ Hole	as much as	of body's	at any time

)	re	efers to kid	ney	
Kidneys form		which	is filtered from	
	bloo	od returns	to circulatory system	by
E PATHWAY:				
Urine travels	from		to	. 11 11
Urinary			_ keeps	in bladder
			ollected, bladder	and
			go to bathroom	
			l becomes more	
If bladder fills	s to	, volunta	ary control is lost	
EIN BREAKI	OWN:			
Humans eat		for		
Amino acids a	are made into		used to	
and	1	body tissue	<u></u>	
<u></u>		mino acids	are broken down in _	
	to th		·	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
			is combined with	
			_ to produce	
 Urea is dissol	ved in		and carried to the .	
whore it is ex	creted in		and carried to the	
where it is ex	creten III			
EY DISEASE	•			
Kidney			in blood form	
			tissues as th	iey move and
	no.			
Kidney Failu		in a to	ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ	
		ing to	the	
▶ Treatm			1 .	
Treatm		:	machine	•1 1
• Treatm	Гransplant:		kidney from far	mily member or
• Treatm	Γransplant: match		kidney from far 	nily member or
• Treatm • _	Γransplant: match		kidney from far	nily member or