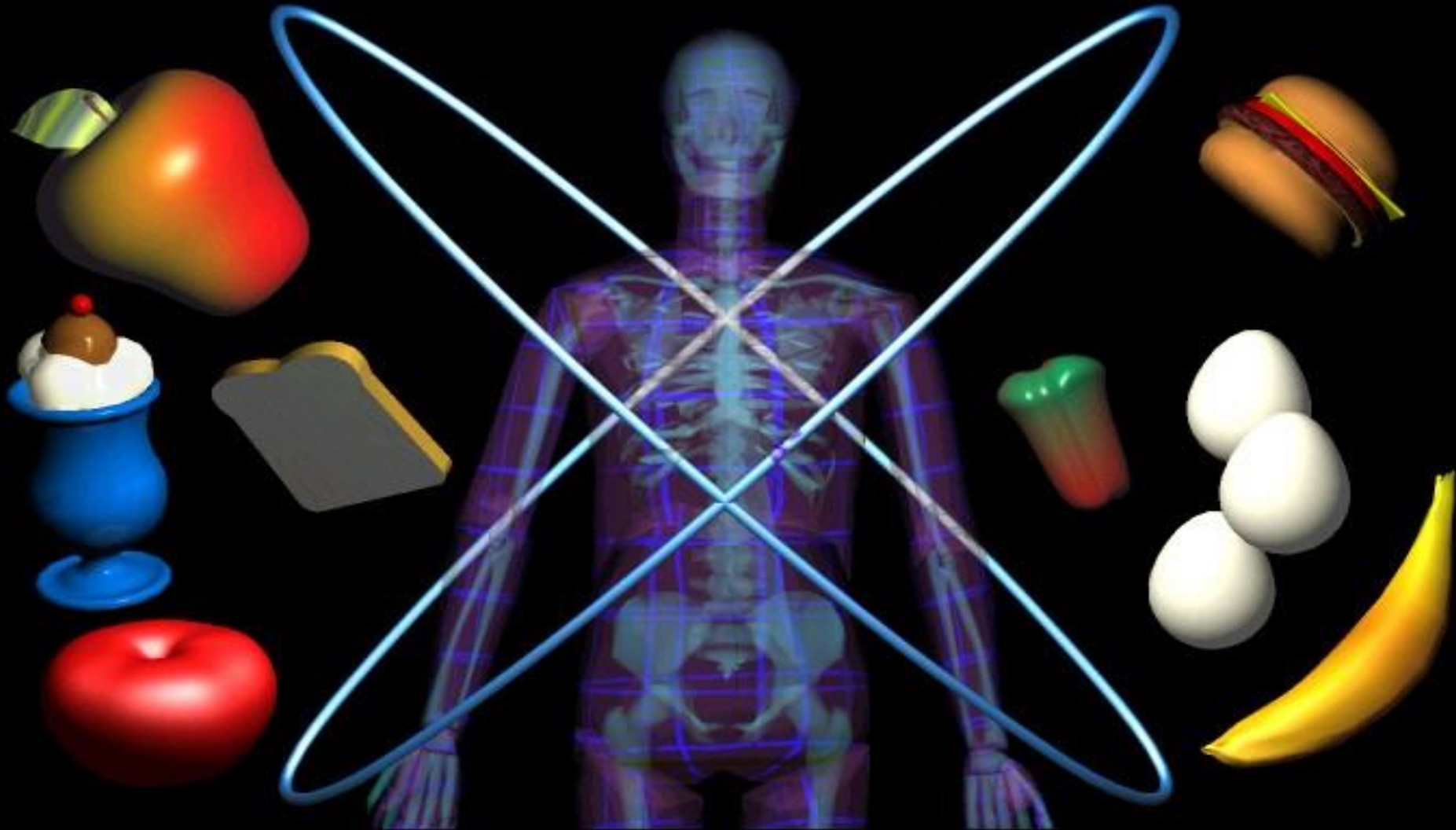


Nutrition in the Human



Need to know

The definition of **Autotroph**, **heterotroph**, **herbivore**, **carnivore**, **omnivore** and examples of each

Understand the need for digestion and a digestive system

Know the definition of **ingestion**, **digestion**, **absorption**, **egestion**

Nutrition

**The way an
organism
obtains and
uses its food**

Autotrophic

A type of nutrition where organism make its own food



Heterotrophic

A type of nutrition where organism cannot make its own food



Herbivores

Animals that feed only on plants eg.. rabbit



Carnivores

Animals that feed on other animals eg..fox



Omnivores

Animals that
feed on plants
and animals

eg.....

Badger



Digestion: definition

The physical and chemical breakdown of food into soluble particles small enough to pass into body cells

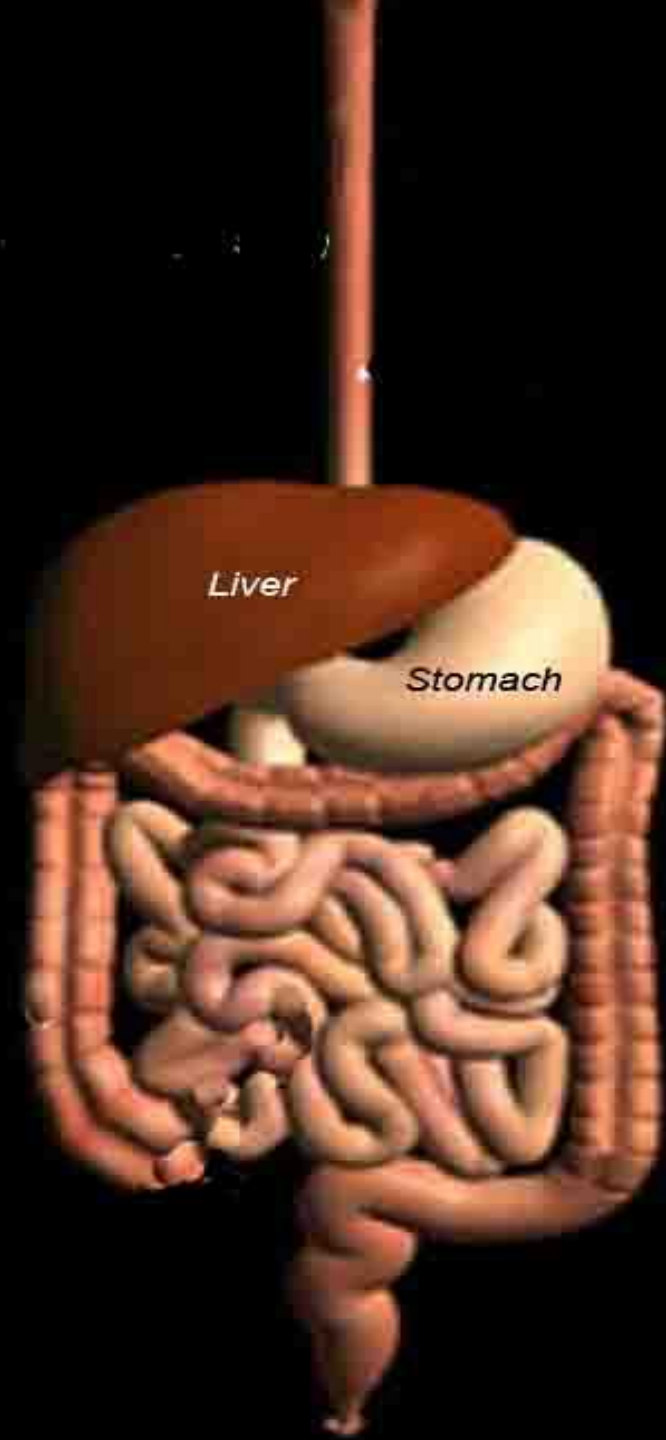
Need for Digestion

To breakdown large food particles until they are small enough to pass into body cells

Need for a Digestive System

Food can be digested in a single location

Individual cells do not have to contain a full range of digestive enzymes



Stages in Human Nutrition

Ingestion

Food is taken into the alimentary canal

Digestion

Food is broken down into smaller soluble pieces

Absorption

The movement of digested from the alimentary canal into the blood system

Egestion

Removal of unabsorbed material as faeces



Define
Autotroph,
herbivore
omnivore

heterotroph,
carnivore,

Give an examples of each

Explain (a) need for
digestion

(b) need for a
digestive system

Define

ingestion,
absorption,

digestion,
egestion



HOMework

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It is important to
read the topics
we cover in class
to re-enforce
your learning

End