St John's Primary School: Science knowledge organisers Year group: Year 4 Science focus: Animals, including humans

The digestive systemFirstHumans put food into their mouthNextFood is chewed by the teeth.ThenFood is swallowed and passed threadThenFood is swallowed and passed threadIn theFood is mashed into a mixture andstomachmixed with acid.After thatThe mixture passes into the smallintestine, where tiny bits of food pinto the bloodstream.EventuallyThe food that is still left goes intolarge intestine.FinallyWaste products leave the body in form of faeces (also known as poorHuman teethTypes of teethIncisors (front teeth used for bitin cutting). Canines (middle teeth which are p and sharp used for grabbing).	ough
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and sharp used for grabbing).	pointy
Pre molars and molars (back teeth	า used
for crushing and grinding).	
Teeth grow in babies when they are around 6	
months old.	
20 teeth grow by the time you are around 2 an	id a
half years old.	
Between the ages of 6 and 12, you start to lose	•
teeth which are replaced with 32 permanent to	eeth.

Possible experiences:

Finding out what happens to a tooth (or egg) when left in various types of drinks. Compare the teeth of animals and predict if they

belong to a carnivore or herbivore.

Key concepts:

Investigating Observing Measuring

Key vocabulary:

To take in or soak up a substance
The process where food is broken down
and absorbed inside the body after
being eaten
The property that gives humans
strength
The unwanted substances in the body.
Also known as poo
A substance needed by the body to live
and grow
A liquid made in the mouth that starts
digestion
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Diagrams: The digestive system mout oesophagus stomach small intestine large intestine rectum Human teeth premolars large, bumpy surfaces for molars crushing and grinding large, bumpy surfaces for grinding canines sharp, pointed edge for ripping and tearing



