

# **Digestion and Nutrition**

## **Lesson 8 - The Digestive System**

Biology - Key Stage 3

Mrs Walsh



# Why is digestion necessary?



# Independent task

Rewrite the statement to include more scientific detail.

Use the following keywords in your answer:

- *insoluble, intestinal wall, molecule, soluble*

*Digestion is the process where:*

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*Digestion is necessary because:*

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# Organs of the digestive system



# Organs of the digestive system

Mouth and oesophagus:

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Small intestine:

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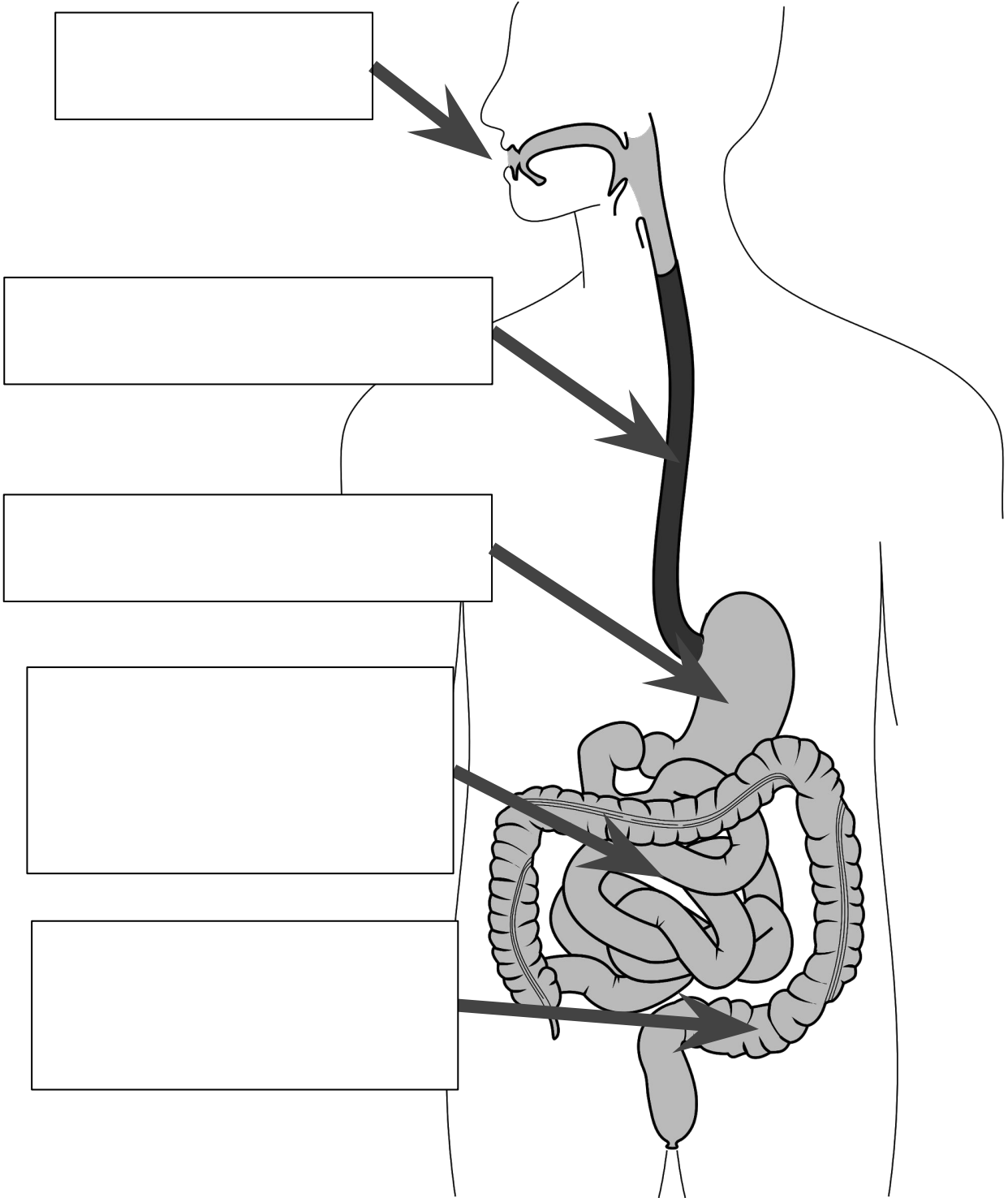
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Scheme of digestive tract, with esophagus marked, Olek Remesz, Wikipedia commons

Keywords:

- absorption
- acid
- bacteria
- bile
- diffusion
- enzymes
- fats
- peristalsis

Stomach:

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Large intestine:

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# Find it, fix it!

Food is first chewed by the teeth, this is an example of chemical digestion.	Most digestion takes place in the stomach.	Digestion is the process where large soluble molecules are broken down into small insoluble ones.
Enzymes are needed to help digest food. These are part of the mechanical digestion of food.	The main role of the stomach acid is to digest food after it is swallowed.	The function of the large intestine is to absorb the small, soluble molecules into the bloodstream.