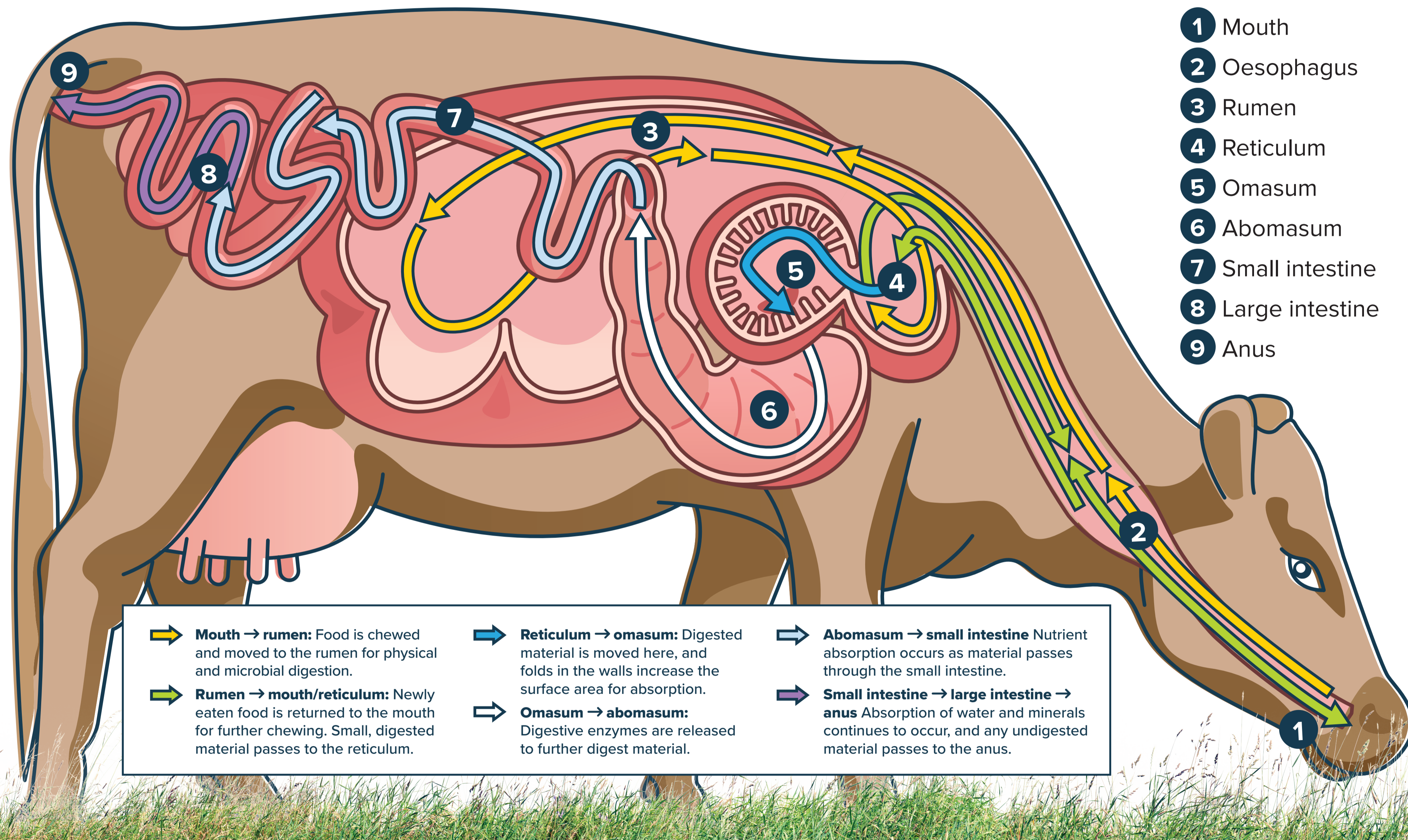


# Ruminant Digestive System

- 1 Mouth
- 2 Oesophagus
- 3 Rumen
- 4 Reticulum
- 5 Omasum
- 6 Abomasum
- 7 Small intestine
- 8 Large intestine
- 9 Anus



<p><b>➔ Mouth → rumen:</b> Food is chewed and moved to the rumen for physical and microbial digestion.</p> <p><b>➔ Rumen → mouth/reticulum:</b> Newly eaten food is returned to the mouth for further chewing. Small, digested material passes to the reticulum.</p>	<p><b>➔ Reticulum → omasum:</b> Digested material is moved here, and folds in the walls increase the surface area for absorption.</p> <p><b>➔ Omasum → abomasum:</b> Digestive enzymes are released to further digest material.</p>	<p><b>➔ Abomasum → small intestine</b> Nutrient absorption occurs as material passes through the small intestine.</p> <p><b>➔ Small intestine → large intestine → anus</b> Absorption of water and minerals continues to occur, and any undigested material passes to the anus.</p>
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Australian Curriculum Content: AC9S9U01, AC9S8U02, AC9TDE8K04, AC9TDE10K04.

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