

AS90462 Version 2
Describe diversity in the structure and function of animals
Level 2 Credits 3

This achievement standard involves describing diversity in aspects of the structure and function of multi-cellular animals in relation to a biological process.

Achievement	Achievement with Merit	Achievement with Excellence
Describe diversity in the structure and function of animals in relation to a biological process.	Explain diversity in the structure and function of animals in relation to a biological process	Discuss diversity in the structure and function of animals in relation to a biological process

Biological process will be one of:

- | | |
|---|--|
| <input type="checkbox"/> Internal transport | <input type="checkbox"/> Support and movement |
| <input type="checkbox"/> Gas exchange | <input type="checkbox"/> Sensitivity and co-ordination |
| <input type="checkbox"/> Nutrition | <input type="checkbox"/> Reproduction |
| <input type="checkbox"/> Excretion | |

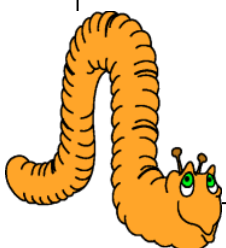
Terms:

Describe requires the student to define, name, draw annotated diagrams, give characteristics of, or an account of. ie describe the process, parts of it, how it occurs. Use of annotated diagrams is highly recommended.

Explain requires the student to provide a reason as to how or why something occurs.

Discuss requires the student to show understanding by linking several biological ideas in relation to the animal groups. It may involve justifying, relating, evaluating, comparing and contrasting, or analysing.

NOTES:



Key words: These are the words that you are expected to understand when used in questions and be able to use in your answers.

<input type="checkbox"/> Anus	<input type="checkbox"/> Amino acids	<input type="checkbox"/> Alimentary canal
<input type="checkbox"/> Assimilation	<input type="checkbox"/> Abomasum	<input type="checkbox"/> Amylase
<input type="checkbox"/> Absorption	<input type="checkbox"/> Appendix	<input type="checkbox"/> Anaerobic respiration
<input type="checkbox"/> Bicarbonate	<input type="checkbox"/> Bolus	<input type="checkbox"/> Bile
<input type="checkbox"/> Chemical digestion	<input type="checkbox"/> Buffer	<input type="checkbox"/> Calciferous gland
<input type="checkbox"/> Carbohydrates	<input type="checkbox"/> Caecum	<input type="checkbox"/> Canine
<input type="checkbox"/> Caecum	<input type="checkbox"/> Carnivore	<input type="checkbox"/> Cellulose
<input type="checkbox"/> Crop	<input type="checkbox"/> Deposit feeders	<input type="checkbox"/> Duodenum
<input type="checkbox"/> Diastema	<input type="checkbox"/> Digestion	<input type="checkbox"/> Egestion
<input type="checkbox"/> Epiglottis	<input type="checkbox"/> Enzymes	<input type="checkbox"/> Fatty acid & glycerol
<input type="checkbox"/> Gizzard	<input type="checkbox"/> Gall bladder	<input type="checkbox"/> Gastric juices
<input type="checkbox"/> Hydrochloric acid	<input type="checkbox"/> Honeycomb	<input type="checkbox"/> Herbivore
<input type="checkbox"/> Ingestion	<input type="checkbox"/> Ileum	<input type="checkbox"/> Incisors
<input type="checkbox"/> Lipase	<input type="checkbox"/> Large intestines/colon	<input type="checkbox"/> Lipids
<input type="checkbox"/> Masticate	<input type="checkbox"/> Molar	<input type="checkbox"/> Microorganisms
<input type="checkbox"/> Neutralise	<input type="checkbox"/> Nocturnal	<input type="checkbox"/> Omasum
<input type="checkbox"/> Omnivore	<input type="checkbox"/> Oesophagus	<input type="checkbox"/> Protein
<input type="checkbox"/> Pharynx	<input type="checkbox"/> Pepsin	<input type="checkbox"/> Pancreas
<input type="checkbox"/> Peristalsis	<input type="checkbox"/> Physical digestion	<input type="checkbox"/> Premolar
<input type="checkbox"/> Protein	<input type="checkbox"/> Polymers	<input type="checkbox"/> Reticulum
<input type="checkbox"/> Sphincter muscle	<input type="checkbox"/> Ruminant	<input type="checkbox"/> Rectum
<input type="checkbox"/> Starch	<input type="checkbox"/> Small intestines	<input type="checkbox"/> Salivary gland
<input type="checkbox"/> Surface area	<input type="checkbox"/> Stomach	<input type="checkbox"/> Typhlosole
<input type="checkbox"/> Villi		