

SACE Stage 2 Biology Workbook (Australian Curriculum)

Changes in the revised first edition

This revised edition has been prepared and published in response to changes to the Stage 2 Biology course which were announced by the SACE Board late in 2017. Readers may be aware that, early in 2018, we also published and circulated an addendum to the original edition in order to assist teachers and students during 2018. This addendum is still available to download on the [Essentials Education website](#).

The revisions in this book are relatively minor and have resulted in slight changes to page numbering in Chapter 1.7 only. The page numbering for the remainder of the book is unchanged.

The following detail about the revisions will assist teachers and students, particularly if both the original edition and this revised edition are being used in the same class.

- For all chapters, the relevant extracts from the Subject Outline have been updated.
- In Chapter 1.4 (p50) some additional information has been included about the effect of enzyme concentration.
- In Chapter 1.7 some additional information has been included about electropherograms (pp 94, 95). In addition there are two new questions on p99 and the corresponding answers are on p129. The SIS practical (formerly on pp104–106) and Laboratory Notes (formerly p136) have been omitted. For those wishing to do this practical, permission is hereby given to copy it from the original edition.
- In the Topic 2 answers (p271–273), the numbering has been corrected to match the questions.
- In Chapter 3.2 (p311) in relation to maintaining a constant carbon dioxide level via monitoring pH in the brain, specific reference is made to the role of hydrogen ions (H⁺) in the brain fluid and the blood brain barrier.