We’re here to help!
For more information and for order queries, please contact Tom Cane, our Caribbean Sales Manager.

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<tr>
<th>Title</th>
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Collins Integrated Science for the Caribbean
Inspire lower secondary students with an activity-led course set in relevant contexts
• Written specifically for the Caribbean and with full coverage of the Trinidad and Tobago syllabus
• Offers hands-on activities that will help students to study science by doing it
• Written by science education experts and teachers in the Caribbean

Get in touch to find out more!
Collins Integrated Science for the Caribbean is an activity-led course full of local examples. Suitable for lower secondary students, it develops the skills needed for success in science alongside developing scientific knowledge.

The course has been written specifically for the Caribbean and fully meets the requirements of the Republic of Trinidad and Tobago Ministry of Education Secondary School curriculum.

**Student Books**

*Form 1*

**Classifying life according to cellular structure**

**Preparing a specimen of animal cells**

Although there are many different kinds of animal cells, a common source of cells is the lining of the cheek inside the mouth.

To prepare a specimen, the student should:

1. Place a drop of nose fluid on a microscope slide.
2. Place a cover slip on top of the drop.
3. Observe the cells using a microscope.

**Activity 1.2.2**

**Preparing and observing cheek cells**

- **What you need**
  - microscope
  - microscope slide
  - cover slip
  - methylene blue
  - distilled water

**Check your understanding**

1. Why is it important that the mouth is clean i.e. contains no particles of food, before obtaining cheek cells?
2. Suggest why it is not a good idea to scrape off cheek cells using a finger nail.
3. Why is it essential that the dye used to colour a specimen does not come into contact with clothing?

**Workbook**

- Provide opportunities for written activities
- Enable students to record their personal progress throughout the course
- Help students to consolidate the learning from activities carried out in class
- Offer useful resources for homework activities

**How is Collins Integrated Science for the Caribbean structured?**

- There are 3 Student Books for lower secondary, covering Form 1 to Form 3
- Each of the Student Books is accompanied by a Workbook
- For more information on the structure of the individual Student Books, please refer to the table of contents pages printed in the Sample Units
- If you’d like to request Sample Units, please get in touch with Tom Cane at tom.cane@harpercollins.co.uk

**Workbooks**

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**Want to find out more?**

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