

**Practical
Science**

Life and Living

for 6-8 year olds

- Practical hands-on science activities
- Contains comprehensive teachers' notes and lesson ideas

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This book contains a package of photocopiable worksheets designed to be used to cover the Science learning area of **“Life and Living”** with 6-8 year old students.

At this level the students are aware of themselves as living things with personal needs. This concept is carried forward to include other living things. Lessons involve the development of skills such as word/picture matching, classifying, drawing, labelling and describing observations. The worksheets include tasks exploring body parts and both the needs of themselves and a class pet. Other activities focus on an insect study, labelling plant parts and the examining the interrelationship between animals and plants.

Each lesson has the potential to:

- extend into more than one lesson by having separate parts to the lesson sheet. Some sections of a lesson may need planning on other paper before final copies are transferred to the lesson sheet. Some lessons may be too long for one lesson and could be completed at another time.
- expand into other curriculum areas using a similar theme. There are ideas for cross-curricular integration with other learning areas. Sometimes a whole day's work could be planned around one lesson sheet.

Science Materials and Equipment

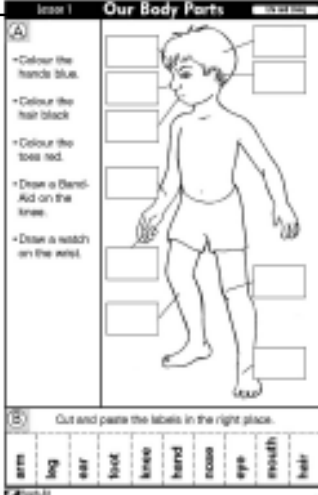
The equipment needed has been kept to a minimum to facilitate ease of planning. It is readily available in schools or is easily acquired.

All lesson sheets are outcome linked to the various curriculum documents (see page 6). Answers are provided where necessary (see page 24).

Other books in the Practical Science series:

- *Earth and Beyond*
- *Energy and Change*
- *Natural and Processed Materials*
- *Working Scientifically*

Lesson Sheets Layout



The diagram shows a student lesson sheet titled 'Our Body Parts'. It features a central illustration of a boy with various body parts labeled with boxes. To the left of the illustration, there are instructions for coloring and drawing: 'Colour the hands blue.', 'Colour the hair black.', 'Colour the toes red.', 'Draw a Barel. Add on the knees.', and 'Draw a watch on the wrist.' Below the illustration, there is a list of body parts: arm, leg, ear, foot, knee, hand, nose, eye, mouth, hair. At the bottom, there is a instruction: 'Cut and paste the labels in the right place.'

STUDENT LESSON SHEET

① Lesson title

② Student learning activities



The diagram shows a teachers' notes page titled 'Our Body Parts'. It includes sections for Learning Outcomes, Materials, Lesson Ideas, and Integration Ideas. The Learning Outcomes section lists: 'Identify observable personal features and those of other familiar living things.' and 'Link observable features to their functions in living things.' The Materials section lists: 'Label cards of the listed body parts (or use the board)' and 'Magazines for cut-outs.' The Lesson Ideas section lists: 'Children should know the names of the basic body parts before starting the labelling activity.', 'Enlarge the worksheet to A3 size for class discussion. Students can pin the labels onto the sheet in front of the class.', 'The children then complete the sheet on their own.', and 'Children can draw clothing on the body.' The Integration Ideas section lists: 'The Arts: Using several large pieces of art paper (one for each body part), children collect cut-outs of the body parts from magazines and glue them onto the appropriate sheet.', 'Children draw or paint on animal and create their own body part labels for the animal.', and 'English (Speaking and Listening): Children use the labelled man as a guide to explaining to the class or group what each of the body parts do and how to care for them.'

TEACHERS' NOTES INCLUDE:

(FOR EACH LESSON)

① Outcome links;

② Required materials;

③ Lesson plan ideas including extension ideas and teaching tips;

④ Cross-curricular/integration ideas.

Our Body Parts

Learning Outcomes:

- Identifies observable personal features and those of other familiar living things.
- Links observable features to their functions in living things.

Materials:

- *label cards of the listed body parts (or use the board)*
- *magazines for cut-outs*

Lesson Ideas:

- Children should know the names of the basic body parts before starting the labelling activity.
- Enlarge the worksheet to A3 size for class discussion.
Students can pin the labels onto the sheet in front of the class.
- The children then complete the sheet on their own.
- Children can draw clothing on the body.

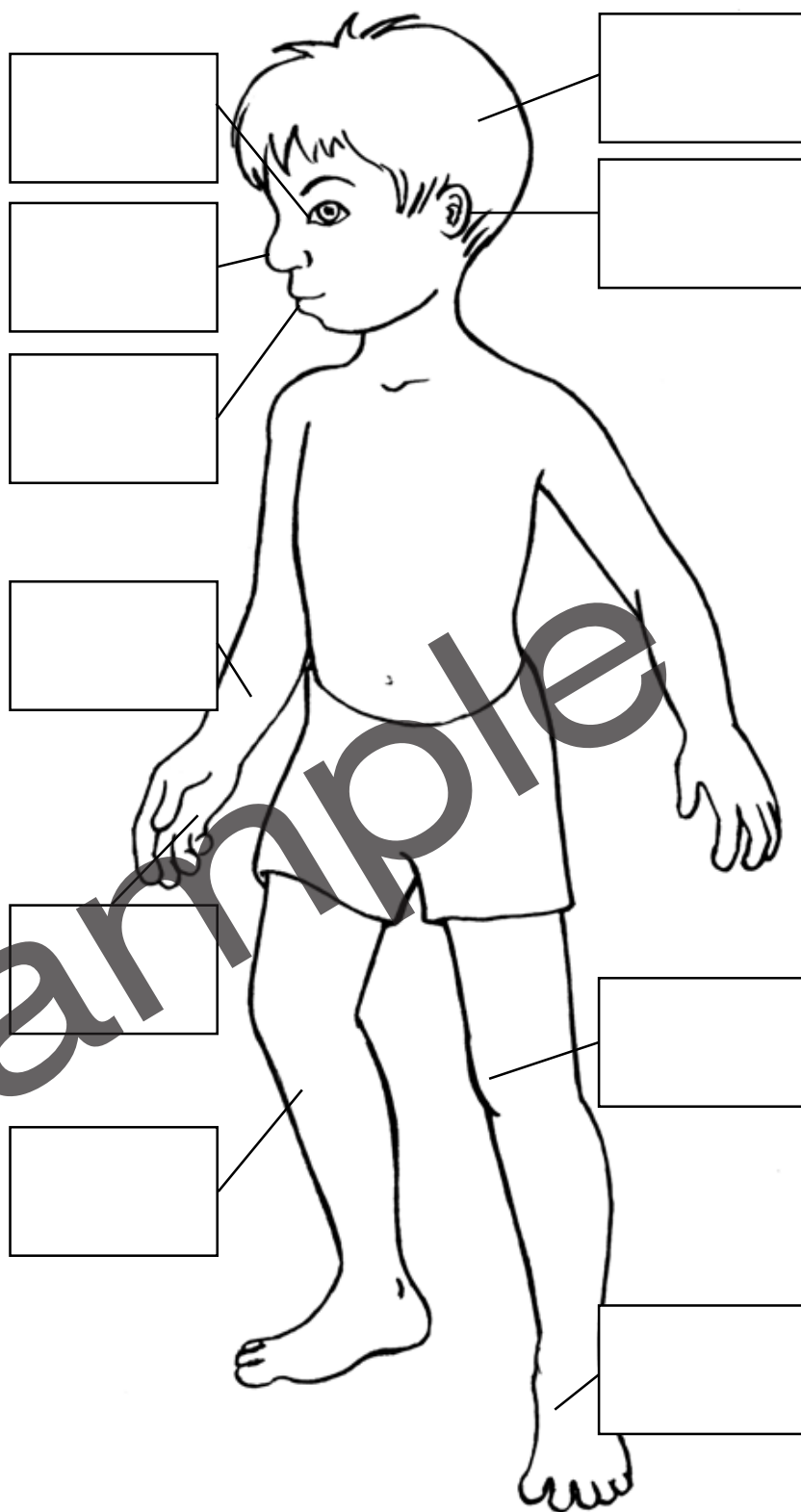
Integration Ideas:**The Arts:**

- Using several large pieces of art paper (one for each body part), children collect cut-outs of the body parts from magazines and glue them onto the appropriate sheet.
- Children draw or paint an animal and create their own body part labels for this animal.

English (Speaking and Listening): Children use the labelled man as a guide to explaining to the class or group what each of the body parts do and how to care for them.

A

- Colour the hands blue.
- Colour the hair black.
- Colour the toes red.
- Draw a BAND AID on the knee.
- Draw a watch on the wrist.



B

Cut and paste the labels in the right place.

arm

leg

ear

foot

knee

hand

nose

eye

mouth

hair