

NATURAL SCIENCES 4

| LEARNING SITUATION | | CONTENT |
|--|---|---------|
| BE A SCIENTIST! page 6 | | |
|  1 OUR BODY How do our bodies work? page 10 | Body components The digestive system The respiratory system The circulatory and excretory systems The nervous and locomotor systems | |
|  2 ECOSYSTEMS How can we look after ecosystems? page 30 | Living things Ecosystems Interaction in an ecosystem The importance of ecosystems Protect ecosystems | |
| THE CONNECTIONS GAME | | |
|  3 ROCKS AND RELIEF What is the Earth made of? page 52 | Landforms Relief maps Rock classification Minerals Protect landscapes | |
|  4 FORCES How do forces impact our lives? page 72 | Forces Contact and non-contact forces Gravity Magnets Forces in our daily lives | |
| THE CONNECTIONS GAME | | |
|  5 MACHINES How can machines help our world? page 94 | Machines Simple machines Complex machines Difference between simple and complex machines Machines throughout history | |
|  6 DIGITAL DEVICES How do digital devices help us to communicate? page 114 | Technology Communication technology Safe use of digital devices Programming The design process | |
| THE CONNECTIONS GAME | | |

|  LANGUAGE LAB |  SCIENCE LAB | TEAM PROJECT  |  MIND MAP |  PICTURE DICTIONARY |  REVIEW |
|---|--|--|---|---|---|
| Talk about bodily functions Language tip: Present continuous | Do taller people have longer bones? | Create a poster for universal healthcare | Mind map | Picture dictionary | Review |
| Write rules to protect ecosystems Language tip: Should/ shouldn't | Which location has got the most air pollution? | Make a presentation about nature parks | Mind map | Picture dictionary | Review |
| Compare landforms Language tip: Comparative and superlative adjectives | Which rocks are sedimentary? | Create a plan to stop illegal mining | Mind map | Picture dictionary | Review |
| Describe the effect of forces Language tip: Questions with relative pronouns | Are big magnets stronger than small ones? | Make a recycling magnet | Mind map | Picture dictionary | Review |
| Talk about machine work Language tip: Infinitives of purpose | Can we make a lever lift higher? | Design a clean energy machine | Mind map | Picture dictionary | Review |
| Write algorithm instructions Language tip: Adverbs of direction | Can you design a house mat? | Design a route to help farmers | Mind map | Picture dictionary | Review |