

## **How the World of Science Comics Series Fits into the IB Primary Years Programme (PYP) Science Syllabus**

### **Grade One**

1. Living and non-living things: *Adventures with Birds; Adventures with Insects; Adventures with Aquatic Creatures; Adventures with Reptiles and Amphibians; Adventures with Land Animals; Adventures with More Land Animals; Adventures with Plants and Fungi; Adventures with Useful Plants and Fungi; Adventures with Amazing Plants; Adventures with Edible Plants; Adventures with Germs and Your Health*
2. Plants and animals: *Adventures with Plants and Fungi; Adventures with Useful Plants and Fungi; Adventures with Amazing Plants; Adventures with Birds; Adventures with Insects; Adventures with Aquatic Creatures; Adventures with Reptiles and Amphibians; Adventures with Land Animals; Adventures with More Land Animals*
3. The human body: *Adventures in the Human Body; Adventures with Health and the Human Body; Adventures with Germs and Your Health*
4. The five senses: *Adventures in the Human Body; Adventures with Health and the Human Body*
5. Matter and materials: *Adventures with Natural Wonders; Adventures with Materials; Adventures with More Materials; Adventures with More Natural Wonders; Adventures in Earth Sciences; Adventures in More Earth Sciences*
6. Forces and motion: *Adventures with Forces (FORTHCOMING), Adventures with Engineering (FORTHCOMING)*
7. Weather and seasons: *Adventures in Earth Sciences; Adventures in More Earth Sciences; Adventures with Our Impact on the Environment (FORTHCOMING)*
8. Earth and space: *Adventures in Earth Sciences; Adventures in More Earth Sciences*

### **Grade Two**

9. Light and sound: *Adventures with Energy; Adventures with Light and Heat (FORTHCOMING)*
10. Electricity and magnetism: *Adventures with Energy; Adventures with Technology and Gadgets; Adventures in Discoveries and Inventions; Adventures with Materials; Adventures with More Materials; Adventures with More Natural Wonders; Adventures with Forces (FORTHCOMING)*
11. Heat and temperature: *Adventures with Energy; Adventures with Light and Heat (FORTHCOMING)*
12. States of matter: *Adventures with Energy*
13. Simple machines: *Adventures with Technology and Gadgets; Adventures in Discoveries and Inventions; Adventures with Great Minds; Adventures with Man-Made Marvels; Our Guardians; Our Innovators, Adventures with Engineering (FORTHCOMING); Our Explorers (FORTHCOMING); Our Overcomers (FORTHCOMING)*
14. Habitats and ecosystems: *Adventures with Birds; Adventures with Insects; Adventures with Aquatic Creatures; Adventures with Reptiles and Amphibians; Adventures with Land Animals; Adventures with More Land Animals; Adventures with Plants and Fungi; Adventures with Useful Plants and Fungi; Adventures with Amazing Plants; Adventures with Edible Plants*
15. Life cycles and adaptations: *Adventures with Birds; Adventures with Insects; Adventures with Aquatic Creatures; Adventures with Reptiles and Amphibians; Adventures with Land Animals; Adventures with More Land Animals; Adventures with Adaptations (FORTHCOMING)*

### **Grade Three**

16. Forces and interactions: *Adventures with Forces (FORTHCOMING), Adventures with Engineering (FORTHCOMING)*
17. Energy and waves: *Adventures with Energy; Adventures with Light and Heat (FORTHCOMING)*
18. Structure and function: *Adventures with How Things Work; Adventures with How More Things Work; Adventures with Technology and Gadgets; Adventures in Discoveries and Inventions; Adventures with Great Minds; Adventures with Man-Made Marvels; Our Guardians; Our Innovators, Adventures with Engineering (FORTHCOMING); Our Explorers (FORTHCOMING); Our Overcomers (FORTHCOMING)*
19. Inheritance and variation
20. Interdependent relationships: *Adventures with Birds; Adventures with Insects; Adventures with Aquatic Creatures; Adventures with Reptiles and Amphibians; Adventures with Land Animals; Adventures with More Land Animals; Adventures with Plants and Fungi; Adventures with Useful Plants and Fungi; Adventures with Amazing Plants; Adventures with Edible Plants; Adventures with Adaptations (FORTHCOMING)*
21. Weather and climate: *Adventures in Earth Sciences; Adventures in More Earth Sciences; Adventures with Our Impact on the Environment (FORTHCOMING)*
22. Natural resources and human impact: *Adventures in the Green Movement; Adventures with Endangered Animals; Adventures with Our Impact on the Environment (FORTHCOMING)*

### **Grade Four**

23. Energy and its transformations: *Adventures with Energy; Adventures with Light and Heat (FORTHCOMING)*
24. Forces and motion: *Adventures with Forces (FORTHCOMING), Adventures with Engineering (FORTHCOMING)*
25. Sound and light: *Adventures with Energy; Adventures with Light and Heat (FORTHCOMING)*
26. Earth's systems and cycles: *Adventures in Earth Sciences; Adventures in More Earth Sciences; Adventures with Our Impact on the Environment (FORTHCOMING)*
27. Human body systems: *Adventures in the Human Body; Adventures with Health and the Human Body; Adventures with Germs and Your Health*
28. Diversity and adaptation of living things: *Adventures in the Green Movement; Adventures with Endangered Animals; Adventures with Our Impact on the Environment (FORTHCOMING), Adventures with Adaptations (FORTHCOMING)*
29. Conservation and sustainability: *Adventures in the Green Movement; Adventures with Endangered Animals; Adventures with Our Impact on the Environment (FORTHCOMING), Adventures with Adaptations (FORTHCOMING)*

### **Grade Five**

30. Chemical reactions and changes: *Adventures with Energy; Adventures with Light and Heat (FORTHCOMING)*
31. Electricity and circuits: *Adventures with Energy; Adventures with Technology and Gadgets; Adventures in Discoveries and Inventions; Adventures with Materials; Adventures with More Materials*
32. Light and optics: *Adventures with Energy; Adventures with Light and Heat (FORTHCOMING)*
33. Sound and vibration: *Adventures with Energy; Adventures with Light and Heat (FORTHCOMING)*

34. Forces and motion: *Adventures with Forces (FORTHCOMING)*, *Adventures with Engineering (FORTHCOMING)*
35. Earth's systems and cycles: *Adventures in Earth Sciences*; *Adventures in More Earth Sciences*; *Adventures with Our Impact on the Environment (FORTHCOMING)*
36. Human body systems: *Adventures in the Human Body*; *Adventures with Health and the Human Body*; *Adventures with Germs and Your Health*
37. Diversity and adaptation of living things: *Adventures in the Green Movement*; *Adventures with Endangered Animals*; *Adventures with Our Impact on the Environment (FORTHCOMING)*; *Adventures with Adaptations (FORTHCOMING)*
38. Conservation and sustainability: *Adventures in the Green Movement*; *Adventures with Endangered Animals*; *Adventures with Our Impact on the Environment (FORTHCOMING)*; *Adventures with Adaptations (FORTHCOMING)*

## **Grade Six**

- Cells and microorganisms: *Adventures in the Human Body*; *Adventures with Health and the Human Body*; *Adventures with Germs and Your Health*
- Body systems and health: *Adventures in the Human Body*; *Adventures with Health and the Human Body*
- Chemical reactions and changes: *Adventures with Energy*; *Adventures with Light and Heat (FORTHCOMING)*
- Electricity and circuits: *Adventures with Energy*; *Adventures with Technology and Gadgets*; *Adventures in Discoveries and Inventions*; *Adventures with Materials*; *Adventures with More Materials*
- Light and optics: *Adventures with Energy*; *Adventures with Light and Heat (FORTHCOMING)*
- Sound and vibration: *Adventures with Energy*; *Adventures with Light and Heat (FORTHCOMING)*
- Forces and motion: *Adventures with Forces (FORTHCOMING)*, *Adventures with Engineering (FORTHCOMING)*
- Earth's systems and cycles: *Adventures in Earth Sciences*; *Adventures in More Earth Sciences*; *Adventures with Our Impact on the Environment (FORTHCOMING)*
- Diversity and adaptation of living things: *Adventures in the Green Movement*; *Adventures with Endangered Animals*; *Adventures with Our Impact on the Environment*
- Conservation and sustainability: *Adventures in the Green Movement*; *Adventures with Endangered Animals*; *Adventures with Our Impact on the Environment (FORTHCOMING)*, *Adventures with Adaptations (FORTHCOMING)*

### **Set 1**

*Adventures with Birds*

*Adventures with Insects*

*Adventures with Plants and Fungi*

*Adventures with Aquatic Creatures*

*Adventures in the Human Body*

### **Set 2**

*Adventures with How Things Work*

*Adventures with Great Minds*

*Adventures with Reptiles and Amphibians*

*Adventures with Land Animals*

*Adventures with Natural Wonders*

**Set 3**

*Adventures with Germs and Your Health*  
*Adventures in the Green Movement*  
*Adventures with More Land Animals*  
*Adventures with Materials*  
*Adventures with Technology and Gadgets*

**Set 4**

*Adventures with Endangered Animals*  
*Adventures with More Materials*  
*Adventures with More Natural Wonders*  
*Adventures with Useful Plants and Fungi*  
*Adventures in Discoveries and Inventions*

**Set 5**

*Adventures with Man-Made Marvels*  
*Adventures with Edible Plants*  
*Adventures with Health and the Human Body*  
*Adventures in Earth Sciences*  
*Adventures with How More Things Work*

**Set 6**

*Adventures with Energy*  
*Our Guardians*  
*Our Innovators*  
*Adventures in More Earth Sciences*  
*Adventures with Amazing Plants*