

CONTENTS

Chapter 1 Biology toolkit

UNIT 3 HOW DO CELLS MAINTAIN LIFE?

Chapter 2 Nucleic acids and proteins

Chapter 3 Manipulating DNA

Chapter 4 Biochemical pathway regulations

Chapter 5 Photosynthesis

Chapter 6 Cellular respiration

Chapter 7 Biochemical pathways and biotechnology

Unit 3 Practice SACs

UNIT 4 HOW DOES LIFE CHANGE AND RESPOND TO CHALLENGES?

Chapter 8 Antigens

Chapter 9 Immunity

Chapter 10 Diseases

Chapter 11 Evolving population genetics

Chapter 12 Evolving species

Chapter 13 Species relatedness

Chapter 14 Evolution of humans

Chapter 15 Practical work

Unit 4 Practice SACs

Practice exam questions

Glossary

Index

Appendix: Periodic table