Activity Book Answers

Page 3 1 Millions 2 dry 3 cold 4 Antarctica 5 Camels 6 is 2 1 free answers
Page 4 1 stones 2 mountain 3 snow 4 rocks 5 rain 6 sand 2 1 dry 2 temperatures 3 night 4 summer 5 fog 6 coldest
Page 5 1 desert 2 dunes 3 winds 4 less 5 degrees 2 1 Most of the Gobi Desert is 2 1 2 Sandstorms can take plants and animals into the air 3 There aren’t many deserts in Europe 4 The Sahara Desert is the biggest hot desert in the world 5 The Atacama Desert is one of the driest deserts on Earth.
Page 6 1 stem 2 leaves 3 spikes 4 soil 5 seeds 6 roots 2 1 Deserts are very dry places 2 True 2 Plants can’t grow in deserts 3 False 3 The cactus stores water in its stem 4 True 4 The welwitschia plant gets water from snow 5 False 5 Desert people can drink water from the Baobab tree 6 True
Page 7 1 ant 2 scorpion 3 lizard 4 spider 5 tortoise 6 snake 2 Example answers 1 They put them underground 2 Because bigger animals need them for food 3 They use their poison 4 They drink milk from their mother 5 They can get water from plants 6 They live in small valleys in the deserts in North America.
Page 8 1 fox 2 tortoise 3 scorpion 4 lizard 5 owl 6 spider 1 2 Lizards lie on rocks to get warm 2 At night, tortoises stay in their burrows 3 Most desert animals sleep in the day 4 At night, scorpions look for food 5 Scorpions have tiny hairs on their legs 6 Owls can see well at night.
Page 9 1 wood 2 clothes 3 city 4 mud house 5 tent 6 farm 1 2 Aborigines 2 Bedouins 3 Tuaregs 4 Aborigines 5 Bedouins 6 Tuaregs 7 Aborigines 8 Tuaregs
Page 10 1 tank 2 pond 3 lake 4 river 5 oasis 6 well 2 1 All deserts have some water 2 Some oceans are very big 3 The Nile River travels through the Sahara Desert 4 In some deserts, there are big rainstorms 5 It’s very important to collect rainwater.
Page 11 1 live, stay 2 wear, protect 3 build, keeps 2 1 Desert people use their houses to stay cool 2 Bedouin people wear long clothes to protect them from the sun and wind 3 People in deserts build houses with small windows. 4 Oryxes sit in the shade to stay cool 5 When it’s hot, sand swimmers stay under the sand.
Page 12 1 milk 2 cheese 3 dates 4 porridge 5 bread 2 1 a e 3 b 4 d 5 f 6 d
Page 13 1 tree 2 animals 3 rain 4 soil 5 plants 2 1 bigger 2 desertification 3 dry 4 hungry 5 grow 5 stop 6 wall, Desert

All About Desert Life

Activity Book Answers

Page 3 1 five 2 the Southern Ocean 3 the Arctic Ocean 4 a whale 5 a mammal 6 catch fish 2 free answers
Page 4 1 wind 2 waves 3 high tide 4 low tide 5 current 6 seashore 2 1 Oceans cover 50% of Earth 2 False 2 There aren’t any plants in the ocean 3 False 3 Tropical oceans are warm 4 True 4 An ocean is always moving 5 True 5 The elephant is the biggest animal in the world 6 False
Page 5 1 dolphin 2 small fish 3 plant plankton 4 animal plankton 5 great white shark 2 1 predators 2 prey 3 Kelp 4 shrimps 5 food chain
Page 6 1 limpets 2 sea anemones 3 shellfish 4 mangrove trees 2 1 Because the water here is full of food 2 Because big waves can throw animals onto rocks 3 Because they have a hard shell 4 Because the water is too salty 5 Because they have special roots.
Page 7 1 mammal 2 bird 3 bird 4 mammal 5 mammal 6 bird 2 1 Most mammals live on land 2 A sea lion’s body has a shape like a fish 3 Ocean mammals are different from land mammals 4 The sperm whale breathes through a hole in its head 5 Some birds live, feed, and sleep on the ocean 6 The albatross can fly 1,000 kilometers a day.
Page 8 1 shark 2 lionfish 3 clownfish 4 sea anemone 5 sea urchin 6 cleaner wrasse 2 1 Corals are small plants 2 False 2 Many animals and plants live in coral reefs 3 True 3 Coral reef fish are very colorful 4 True 4 It’s easy to see coral reef fish 5 False 5 Many predators eat lionfish 6 False 6 Big fish don’t eat cleaner wrasse 6 True
Page 9 1 starfish 2 seaweed 3 octopus 4 porcupine fish 5 shoal of fish 2 1 camouflage 2 seaweed 3 ink 4 swim away 5 water 6 spines
Page 10 1 angler fish, light 2 jellyfish, tentacles, sting 3 shark, smell, see 2 Example answers 1 Electric rays make electricity 2 An electric ray can give other fish an electric shock 3 This kills the fish, so that the electric ray can eat them.
Page 11 1 bear, Arctic, seals, cubs 2 South Pole, fish, feathers, egg 2 1 The Arctic and Southern Oceans have ice in winter 2 In summer, a lot of the ice melts 3 There are little pieces of ice in the oceans 4 Polar bears swim between the ice and the icebergs 5 The Southern Ocean has a lot of plankton.
Page 12 1 ropes 2 pearls 3 money 4 oysters 5 pieces of shell 2 1 fishing 2 catch 3 ocean 4 seaweed 5 eat 6 ice cream 7 pearls 8 money
Page 13 1 Sea turtles: plastic bags, Birds, dolphins, and other animals: oil, fishing nets. Plants, fish, and other animals: chemicals. 2 1 Oil 2 Birds 3 factories 4 jellyfish 5 nets 6 clean 7 fish 8 marine
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Activity Book Answers

All About Plants

Page 3 1 1 food 2 different 3 important 4 in water 5 plants 6 wood 2 free answers
Page 4 1 1 plant 2 animal 3 scientist 4 rainforest 5 Earth 6 land 7 water 8 oxygen 2 1 living 2 grow 3 move 4 rainforests 5 billion 6 water 7 animals 8 possible
Page 5 1 1 fern 2 conifer 3 moss 4 flowering plant 2 1 Scientists put plants into different groups. 2 Most plants make seeds. 3 Many seed plants produce flowers. 4 Conifers produce cones. 5 Ferns and mosses are non-seed plants.
Page 6 1 1 flower 2 leaf 3 stem 4 roots 2 1 A flowering plant has four main parts. True 2 The flowers hold the plant in the soil. False 3 The roots take water and minerals from the soil. True 4 The stem makes food for the plant. False 5 The stem supports the plant. True 6 New plants grow from seeds. True
Page 7 1 1 water, warmth 2 leaves 3 male, female 4 eggs 5 pollen 6 seeds 7 die 2 (in correct order) 1 A seed starts to grow into a plant. 2 The plant produces leaves. 3 The plant makes flowers. 4 The pollens and eggs join together. 5 New seeds start to grow inside a fruit. 6 Animals take some of the fruit away from the plant.
Page 8 1 1 glucose 2 oxygen 3 water 4 carbon dioxide 5 sunlight 2 Example answers 1 They make glucose. 2 They get carbon dioxide from the air. 3 Photosynthesis happens in leaves. 4 Because there is lots of sunlight. 5 Leaves change color in the fall. 6 Evergreens never lose their leaves.
Page 9 1 1 habitat 2 shade 3 cactus, deserts 4 water, stem 5 roots 2 1 The arctic buttercup can grow in very cold places. 2 Sea grass can produce flowers underwater. 3 The cactus can take in water quickly when it rains. 4 The arctic buttercup is very small. 5 Fish use sea grass for food and shelter.
Page 10 1 1 colors 2 fly 3 bee 4 smell 5 bird 6 pollen 2 1 food, oxygen 2 plants 3 pollinate, nectar 4 fruit 5 seeds 6 colors 7 patterns
Page 11 1 1 bicycle tire 2 table 3 cell phone 4 chair 5 computer 6 eraser; Rubber: bicycle tire, eraser; Wood: chair, table; Plastic: computer, cell phone. 2 Plants give us food and oxygen. True 2 Clothes and books don't come from plants. False 3 Lots of chairs and tables are made of wood. True 4 Erasers and bicycle tires are made of plastic. False 5 People can use plants to make fuels like biodiesel. True
Page 12 1 1 wolffia plant 2 Venus flytrap 3 titan arum 4 coast redwood 2 1 The wolffia is the biggest, smallest, flowering plant in the world. 2 The titan arum has a terrible smell. 3 Coast redwoods are the world's tallest trees. 4 The Venus flytrap eats insects. 5 The wolffia grows on land and water.
Page 13 1 1 danger 2 cut down 3 palm oil farms 4 Pollution 5 chemicals 2 1 carefully, recycled 2 oil, rainforest 3 Grow, chemicals 4 project, charities
Pages 14–15 1 1 food 2 different 3 important 4 in water 5 plants 6 wood 2 1 clothes 2 tire 3 nectar 4 crops 5 rubber 6 recycle 7 seeds 8 pattern 9 fly 10 fuels 11 road 12 oil 13 smell 3 1 plants, page 5 2 four, page 8 3 sunlight, page 12 4 planting, page 23 5 pollinate, page 17 6 confers, page 7 4 Fruits and vegetables. 1 apple 2 orange 3 banana 4 asparagus 5 cabbage 6 peach; Seed and non-seed plants: 7 conifer 8 cactus 9 coast redwood 10 titan arum 11 sea grass 12 wolffia

Activity Book Answers

Animals at Night

Page 3 1 1 sleep 2 Some 3 often 4 snow 5 see 6 animals 2 Free answers
Page 4 1 1 dark, sleep 2 nocturnal, animals, hides 3 light, evening 2 1 A lot of animals only come out at night. 2 The air gets colder when the sun goes down. 3 The opossum is a nocturnal animal. 4 At night, there are not so many predators. 5 The armadillo sleeps all day. 6 The tiger comes out in the day and at night.
Page 5 1 1 night, senses 2 food, safe 3 ears, hear 4 see, people 2 1 Foxes usually hunt in the night. 2 A fox can smell mice through 12 centimeters of snow. 3 Raccoons use their mouths to find fish and frogs. 4 Nocturnal animals have big eyes that let in lots of light.
Page 6 1 1 In the day, owls stay in trees or buildings. 2 Owls can see very well in the dark. 3 Owls listen for little noises from their prey. 4 Owls like to eat small animals. 5 They fly down and catch them in their sharp claws. 2 1 nocturnal, hunt 2 noises, bounce 3 hang, caves
Page 7 1 1 plankton 2 lantern fish 3 whitetip reef sharks 4 plankton 5 whitetip reef sharks 6 lantern fish 2 Example answers 1 When: They swim up to the top of the ocean in the evening. 2 Where: The lantern fish stay in the deep ocean in the day. 3 When: The whitetip reef shark comes out at night. 4 What: The whitetip reef shark eats fish and octopuses.
Page 8 1 1 slug 2 spider 3 moth 4 snail 5 firefly 2 1 Many minibeasts come out at night. 2 At night, there are not so many predators. 3 Moths have special antennae on their head. 4 Moths have patterns on their wings. 5 Tarantulas hunt for their prey at night. 6 Fireflies use lights to communicate.
Page 9 1 1 fennec fox 2 ears 3 kangaroo rat 4 legs 5 scorpion 6 tail 2 1 In many deserts, it's very cold in the day. False 2 The fennec fox is the smallest fox in the world. True 3 The fennec fox has very small ears. False 4 Kangaroo rats keep seeds in their mouth. True 5 Scorpions can see very well. False
Page 10 1 1 hippo 2 aardvark 3 bushbaby 4 leopard 2 1 Many big cats hunt for food at night. It's easier to catch prey when it's dark. 3 Aardvarks catch ants on their sticky tongue. 4 Hippos come out at night to eat grass. 5 Bushbabies have very big eyes.
Page 11 1 1 asleep 2 cliffs 3 hours 4 predators 5 ankles 6 sleep 2 Example answers 1 They live in the Arctic. 2 In the summer. 3 They sleep on land, on ice, or in water. 4 When they sleep in water.
Page 12 1 1 lions 2 deer 3 nightingales 4 grasshoppers 5 Tasmanian devils 6 hower monkeys 2 1 night, communicate 2 sing 3 insect, noise
Page 13 1 1 migrate 2 night 3 predators 4 cooler 5 feed 6 energy, food 2 1 3 2 6 3 4 1 5 6 5
Animals in Art

Activity Book Answers

Page 3 1 rabbit 2 run 3 soft 4 An artist 5 draw 6 caves 2 Free answers
Page 4 1 painting 2 cat 3 fur 4 drawing 5 dog 6 artist 2 Animals can talk. false 2 Animals are different from people. true 3 Most birds and insects can't fly. false 4 Leonardo da Vinci was born in Florence. true 5 Byeon Sang-byeok is a Spanish artist. false
Page 5 1 desert 2 giraffe 3 cave 4 spider 5 bison 6 plane 2 1 paper, walls 2 paintings, caves 3 people, ground 4 animals, plane
Page 6 1 jungle 2 stags 3 desert 4 ocean 5 tigers 6 mountains 2 1 Edwin Landseer was an American, a British artist. 2 Landseer painted a picture of a tiger, stag. 3 Stags live in the jungle mountains. 4 Henri Rousseau was from France.
Page 7 1 d b 3 a 5 f 6 c 2 1 Spanish, pets 2 rich, hunting 3 emperor, falcon
Page 8 1 statue 2 spider 3 museum 4 sculpture 5 totem pole 6 wood 2 1 People saw a spider next to a museum. Louise Bourgeois made a big sculpture. 3 The sculpture was almost 10 meters high. 4 Native Americans make tall statues. 5 They are called totem poles. 6 Totem poles are made of wood.
Page 9 1 a watch 2 in books 3 c drawings 4 b wearing clothes 5 a realistic. 2 1 born 2 lived 3 drew 4 put 5 took
Page 10 1 rooster 2 horse 3 sheep 4 snake 5 monkey 6 rabbit 2 1 Egyptian, snakes 2 tiger, Korea, France 3 animal, stamps 4 China, symbol
Page 11 1 1 Sometimes artists have different ideas. 2 Animals in art are not always realistic. 3 Brancusi used a stone called marble. 4 His table was a big piece of stone. 5 Franz Marc made a nice, colored pattern. 2 Brancusi 2 Franz Marc 3 Brancusi 4 Franz Marc 5 Franz Marc 6 Brancusi
Page 12 1 toy 3 stone, 13 teapot, 24 shape, 4 21 sculptures, touch, 2 play. break 3 years, toys 4 artist, name
Page 13 1 tail 2 eye 3 horn 4 wing 5 body 6 head 7 mouth 8 claw 2 1 Dragons and unicorns are real. 2 Dragons have short long claws. 3 Japanese dragons always have three claws on each foot. 4 A unicorn looks like a white horse. 5 A unicorn has a horn on its head.
Page 14–15 1 Answers provided.
2 1 ink pattern 3 painting 4 coin 5 clothes 6 drawing 7 rabbit 8 statue 9 portrait 10 photo 11 soft 12 ground 3 1 bird, page 15 2 Desert, page 7 Vinci, page 4 4 cemail, page 16 6 miniature, page 11 4 seal, sculpture, Constantin Brancusi: stag, painting, Edwin Landseer: spider, sculpture, Louise Bourgeois: birds, drawing, John Audubon

How to Stay Healthy

Activity Book Answers

Page 3 1 healthy 2 live 3 food 4 Swimming 5 good 6 water 2 Free answers
Page 4 1 healthy 2 protect 3 food 4 equipment 5 medicines 6 unhealthy 2 1 People are getting fatter. 2 Most people can do some exercise. 3 Many people eat too much. 4 Some people need medicines every day. 5 Many people don't do much exercise.
Page 5 1 brain 2 lungs 3 heart 4 liver 5 intestines 6 bone 7 skin 8 muscle 9 kidneys 10 stomach 2 1 brain 2 intestines 3 heart 4 liver 5 lungs
Page 6 1 milk 2 fish 3 rice 4 vegetables 5 fruit 2 1 You need to eat the right food. 2 Brown bread has lots of fiber. 3 Vitamins help you to stay healthy. 4 You need iron for healthy blood. 5 Too much salt is unhealthy. 6 Sugar is bad for your teeth.
Page 7 1 chopsticks 2 rice 3 fat 4 Mediterranean 5 Bolivia 2 1 Around the world, people eat different food to stay healthy. 2 Chopsticks were invented in China about 5,000 years ago. 3 Scientists think olive oil and tomatoes help people to stay healthy. 4 Quinoa has lots of proteins, fiber, and iron.
Page 8 1 Remember to wash your hands. 2 Wash your hands before you touch food. 3 Brush your teeth every day. 4 Go to the dentist every year. 5 Don't eat too much food with sugar. 2 1 Millions 2 Microbes 3 dangerous, sick 4 cooked 5 brush, wash
Page 9 1 bones 2 muscles 3 exercise 4 health 5 disabilities 6 swimming 2 1 Exercise helps to make your muscles stronger. true 2 Exercise is only for young, healthy people. false 3 Older people need exercise. true 4 It's good to do some exercise every day. true 5 People with disabilities can't do sport. false 6 You should go to the sports center every day. false
Page 10 1 lungs, oxygen, heart, muscles 2 sweat, exercise, bottle 2 1 When you do exercise, you breathe faster. 2 Your blood takes oxygen to your muscles. 3 Your body gets hotter when you do exercise. 4 Your muscles need oxygen to work well. 5 Exercise makes you more healthy. 6 You can only run fast for a short time.
Page 11 1 jog 2 skip 3 stretch 4 walk 2 1 When you warm up your muscles, you move more easily. 2 You should breathe deeply when you do exercise. 3 After you finish your exercise, it's good to cool down your muscles. 4 It's important to drink after you do exercise. 5 Wear bright clothes when you cycle.
Page 12 1 walking, 2 adventure sports, 3 cycling, 3 team sports, 1 2 spend 2 do, have 3 need, make 4 wear, damage 5 protect
Page 13 1 sleep 2 muscle 3 repair 4 grow 5 brain 6 rest 2 1 do exercise 2 muscles 3 rest 4 sleeping 5 rest
Page 14–15 1 Answers provided.
2 1 tomatoes, 2 dirty 3 toothpaste 4 team 5 million 6 equipment 7 fruit 8 clothes 9 sweat 10 salt 11 skin 12 stretch 3 1 sleep, page 23 2 exercise, page 15 3 microbes, page 12 4 blood, page 16 5 muscles, page 8 lungs, page 7 1 heart, 2 muscle 3 skin 4 lungs 5 stomach 6 brain 7 walking 8 swimming 9 team sports 10 cycling 11 climbing 12 tennis
Activity Book Answers

**Incredible Earth**

*Page 3* 11 Volcanoes 2 dangerous 3 high 4 lake 5 dry 6 incredible 2 free answers

*Page 4* 11 island 2 Earth 3 volcano 4 crust 5 rocks 6 mountain 7 earthquake 8 ocean 2 1 round 2 crust 3 earthquake 4 volcano 5 ocean, islands

*Page 5* 11 coral 2 dolphin 3 cliffs 4 valley 5 waves 6 sea turtle 2 1 On Earth there is more ocean than land. 2 There are mountains and valleys under the ocean. 3 The water in the ocean is always moving. 4 Coral is made of millions of very small animals. 5 The Pacific Ocean is the biggest ocean.

*Page 6* 11 rainforest 2 river 3 waterfall 4 mountain 2 1 Rivers usually begin as streams in mountains. True 2 Big rivers aren’t very strong. False 3 The River Amazon begins in the mountains of Peru and Ecuador. True 4 The River Amazon goes to the Atlantic Ocean. True 5 People cross the River Amazon on bridges. False

*Page 7* 11 ice 2 snow 3 glacier 4 iceberg 5 ocean 6 mountain 2 1 coldest, mountains, Poles 2 ice, glaciers 3 snow 4 water, rivers 5 icebergs 6 ocean 7 boats 8 under, water

*Page 8* 11 waterfall 2 steam 3 snow 4 geyser 5 rain 6 pool 2 1 Hot water and steam pour out of a geyser. True 2 Water from rain and snow goes into the ground. True 3 Deep under the ground there is cold rock. False 4 If rainwater touches hot rock, it begins to boil. True 5 The hot steam has to stay under the ground. False

*Page 9* 11 Himalayas 2 Asia 3 highest 4 9 5 bigger 2 1 Lake Baikal in Russia is more than 1,600 meters deep. 2 Scientists explore Lake Baikal in small submarines. 3 The deepest lake in the world is Lake Baikal. 4 Water from 330 rivers goes into Lake Baikal.

*Page 10* 11 waves, holes 2 incredible 3 wet, rock 4 sculptures 5 people 6 pictures 2 1 The moving water ice in a glacier makes caves in the rock. 2 Some caves are in soft rock called limestone. 3 Soft Rain falls on the limestone and makes holes. 4 The holes grow smaller bigger and make caves. 5 Thousands of years ago, people lived in caves.

*Page 11* 11 earthquake 2 building 3 tree 4 house 5 tsunami 6 ocean 7 flood 8 wave 2 1 Usually, Earth’s crust moves a few millimetres every year. True 2 When two pieces of crust move suddenly, there’s an earthquake. True 3 After a tsunami, there are often floods. True 4 There aren’t any earthquakes under the ocean. False

*Page 12* 11 rain 2 salt 3 ground 4 sand 5 desert 6 stones 7 rocks 8 lake 2 1 dry, rain 2 3 sand 4 stones 5 hot, cold 6 Australia 7 salt 8 Camels

*Page 13* 11 wind 2 erosion 3 Grand Canyon 4 sun 5 weather 6 valley 2 1 River 2 rock 3 Sun 4 valley 5 Sun and wind 6 mountains 7 Rain

*Pages 14–15* 1 1 Volcanoes 2 dangerous 3 high 4 lake 5 dry 6 incredible 2 1 desert 2 ground 3 wave 4 stones 5 deep 6 salt 7 stream 8 earthquake 9 coast 10 ocean 11 earth 12 melt 13 sand 3 1 streams, page 8 2 Underground, page 16 3 Erosion, page 23 4 crust, page 4 5 Icebergs, page 11 6 Antarctica, page 20 4 Places on Earth: 1 island 2 mountain 3 rainforest 4 ocean 5 cave 6 desert; Things that Change Earth: 7 earthquake 8 tsunami 9 weather 10 erosion 11 volcano 12 flood

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**Machines Then and Now**

*Page 3* 11 a computer 2 a television 3 a clock 4 a plane 5 a telephone 6 a car 7 free answers

*Page 4* 11 axe 2 knife 3 lever 4 arrow 5 bow 6 plow 2 1 The first machines were simple tools. 2 The tools were made of stone, wood, and bone. 3 People used levers to move heavy objects. 4 About 7,000 years ago people started farming for food. 5 They used animals to make the work easier. 6 About 5,000 years ago, they made metal tools.

*Page 5* 11 axle 2 cart 3 wheel 4 clay pot 5 car 6 rollers 2 1 People used the first wheels to make clay. True 2 People used rollers to move heavy objects. True 3 The rollers were made from tree trunks. True 4 People made chariots with metal wheels. False 5 Today there aren’t many machines with wheels. False 6 There are wheelchairs for people who can’t walk easily. True

*Page 6* 11 ramp 2 block 3 crane 4 temple 5 rope 6 pulley 2 1 used 2 moved 3 needed 4 used 5 lifted 6 use

*Page 7* 11 Watermill: wheel, river Windmill: arm, sails Intersection: millstone, axle 2 1 They get energy from flowing water. 2 They get energy from the wind. 3 They make flour. 4 They have a wheel on the outside. 5 They have sails on their arms. 6 An axe is inside a windmill.

*Page 8* 11 sundial 2 water clock 3 sand clock 4 mechanical clock 5 digital clock 2 1 are, have 2 told, had, made, were

*Page 9* 11 Vehicles: boat, helicopter, train, plane, bus Fuels: coal, oil, wood, gasoline, biodiesel 2 free answers

*Page 10* 11 plane 2 helicopter 3 hot-air balloon 4 airship 5 jet engines 2 1 Paul Comu flew one of the first airships. (3) 2 Today there are many types of plane. (5) 3 Later people invented airships. (2) 4 200 years ago, people flew in hot-air balloons. (1) 5 In 1903 the first plane was invented. (4)

*Page 11* 11 satellite 2 wires 3 images 4 messages 5 sounds 6 programs 2 1 Alexander Graham Bell invented the telephone. True 2 The telephone transmitted sounds through wires. True 3 John Logie Baird invented the radio. False 4 The radio transmitted sound with no wires. True 5 The first television showed color images. False 6 Many cell phone connect to the Internet. True

*Page 12* 11 joystick 2 printer 3 modem 4 monitor 5 cursor 6 keyboard 2 1, 4, 2, 1, 3, 4, 3, 5, 2

*Page 13* 11 cruise-ship, passenger 2 mining machine, land 3 micro-machine 2 1 The Oasis is longer than the Bagger. 2 The Bagger is taller than the Oasis. 3 The Micro-Car is smaller than a finger. 4 The Bagger is heavier than a lorry. 5 The Micro-Car is slower than a bicycle. 6 The Bagger is shorter than the Oasis.

*Pages 14–15* 1 1 a computer 2 a television 3 a clock 4 a plane 5 a telephone 6 a car 2 1 crane 2 helicopter 3 digital clock 4 microscope 5 satellite 6 axe 7 hot-air balloon 8 cruise-ship 9 axe 10 engine 11 fuel 12 wheelchair 13 chariot 14 cart 1 1 crane, page 9 2 printer, page 21 3 cell phone, page 19 4 knife, page 4 5 windmill, page 11 6 modem, page 21 7 sundial, page 12 8 plane, page 17 4 free answers
Why We Recycle

Activity Book Answers

Page 3 1 a lot of 2 recycle 3 should 4 waste 5 can 6 trees 2 Free answers

Page 4 1 paper 2 glass 3 plastic 4 metal 2 1 Most waste materials decompose. 2 Most waste goes to a landfill. 3 Food waste decomposes fast. 4 We should recycle more things. 5 We should make less waste.

Page 5 1 reduce 2 reuse 3 need 4 recycle 5 use 6 make 2 1 We should put less waste in landfills. 2 We can fix things when they break. 3 We should reuse our plastic bags. 4 We can recycle some plastic. 5 We can recycle paper to make new paper.

Page 6 1 cans 2 batteries 3 shoes 4 clothes 5 television 6 computer 2 1 few 2 metal 3 glass, colors 4 symbol 5 sort

Page 7 1 paper 2 trees 3 factory 4 fibers 5 newspaper 2 1 4 2 3 6 4 1 5 5 6 2

Page 8 1 phone 2 bottle 3 toys 4 car 5 refrigerator 2 1 Plastic is newer than a lot of other materials. true 2 We don't recycle much plastic. true 3 It's easy to sort the different types of plastic. false 4 We can recycle plastic from bottles. true 5 There are a lot of factories that recycle plastic. false 6 We can use recycled plastic to make clothes. true

Page 9 1 hot 2 sand 3 melt 4 blow 5 machine 6 magnet 2 1 best 2 recycle 3 sand 4 energy 5 factory 6 metal

Page 10 1 rocks 2 machines, energy 3 material 4 Aluminum 2 1 It's good to recycle metals because we save energy. 2 Aluminum is in planes, cars, and computers. 3 We can recycle metal again and again. 4 We recycle different metals in different ways. 5 One aluminum can make a million drinks cans.

Page 11 1 compost 2 grow 3 worms 4 waste 5 save 2 Example answers 1 So that we don't waste food. 2 It goes to landfills. 3 Because there's no air under the ground. 4 We can make compost. 5 Digesters can make compost for farms. 6 It makes a gas.

Page 12 1 waste 2 Pollution 3 Factories 4 sick 5 animals 6 materials 2 1 new 2 trees 3 oil 4 energy 5 Earth 6 waste

Page 13 1 reduce 2 buy 3 fix 4 borrow 5 make 6 use 2 1 You can do a lot of things. 2 You can reuse and recycle your waste. 3 Recycling can be easy. 4 At home, you can use recycling boxes. 5 Don't pick up dangerous waste.

Page 14–15 1 Answers provided 2 1 fiber 2 refrigerator 3 soap 4 million 5 clothes 6 grow 7 paper 8 pollution 9 blow 10 plastic 11 metal 12 newspaper 13 factory 14 batteries 15 energy 16 page 21 2 Aluminum, page 17 3 plastic, page 6 4 factory, page 15 5 Pollution, page 20 6 landfill, page 4 4 metal, rocks, 80–100 years; glass, sand, never; paper, trees, 2–5 months; plastic, oil, up to 1,000 years

Wonders Of the Past

Activity Book Answers

Page 3 1 amazing 2 nature 3 stadium 4 Wall 5 India 6 2,000 2 free answers

Page 4 1 sun 2 mountain 3 stars 4 stone 5 circle 2 1 England 2 heavy 3 weighs 4 studying 5 June 6 mystery

Page 5 1 bed 2 mask 3 tomb 4 jewel 5 king 6 coffin 2 1 Tutankhamun was an Egyptian king. 2 Tutankhamun died when he was 19. 3 People put his body in a coffin made of gold. 4 No one discovered the tomb for a long time. 5 Carter discovered the tomb in 1922. 6 When he opened the tomb, he was amazed.

Page 6 1 war 2 bricks 3 soldier 4 wall 5 prisoner 6 tower 2 1 true 2 true 3 false 4 false 5 false 6 true

Page 7 1 lion 2 crocodile 3 gladiator 4 rhino 5 arch 6 elephant 2 1 stadium 2 fights 3 million 4 earthquakes 5 tourists

Page 8 1 1 cloth 2 camel 3 palace 4 spices 5 cliffs 1 sold 2 traveled 3 built 4 stopped 5 made 6 visit

Page 9 1 coast 2 head 3 ground 4 island 5 statue 6 ocean 2 1 People arrived at a beautiful island. 2 They made big statues for their gods. 3 They transported the statues to the coast. 4 People started to fight. 5 They pushed over many of the statues. 6 Tourists come to see the statues.

Page 10 1 1 water 2 well 3 dry 4 rain 5 courtyard 6 dancers 2 1 The first people in Chichen Itza built many temples. 2 The city grew bigger and richer. 3 The Mayan people liked ball games. 4 The courtyard was bigger than a soccer field. 5 Sometimes they played games for many days.

Page 11 1 temple, rainforest, decorations 2 built, protect, wild 2 1 Angkor Wat was built about 800 years ago. 2 It took 37 years to build Angkor Wat. 3 Today, big trees grow into some of the buildings. 4 One million people lived in Angkor when it was an important city. 5 Visitors to Angkor Wat think it is amazing.

Page 12 1 1 tower 2 garden 3 tourist 4 fountain 5 tiles 6 wall 2 1 beautiful 2 mountains 3 red 4 sunny 5 earthquake 6 popular

Page 13 1 India 2 built 3 palace, tomb 4 white, marble 5 wife 2 1 The Taj Mahal is a beautiful palace. False 2 It took two years to build the Taj Mahal. False 3 There are gardens around the building. True 4 Mumtaz Mahal died when she had her first baby. False 5 Shah Jahan’s son put his father into prison. True

Pages 14–15 1 amazing 2 nature 3 stadium 4 Wall 5 India 6 2,000 2 1 fountain 2 rhino 3 cloth 4 food 5 soldier 6 coast 7 wall 8 island 9 camel 10 gladiator 11 arch 12 ocean 13 jewel 3 1 stadium, page 10 2 statues, page 14 3 million, page 9 4 earthquake, page 21 5 died, page 6 6 tomb, page 22 4 Stonehenge, England, Tutankhamun’s tomb, Egypt, Angkor Wat, Cambodia; The Colosseum, Italy; Petra, Jordan; Chichen Itza, Mexico; Easter Island, Pacific Ocean