

Workbook 3 Answer Key

Unit 1

- 1 2 sight 3 taste 4 hearing 5 touch
- 2 2 mouth 3 eyes 4 hands 5 ears
- 3 1 sight taste 2 touch sight hearing
- 4 2 touch 3 taste 4 hearing 5 smell
- 5 2 e 3 a 4 b 5 d
- 6 Students' own answers

Lesson 1

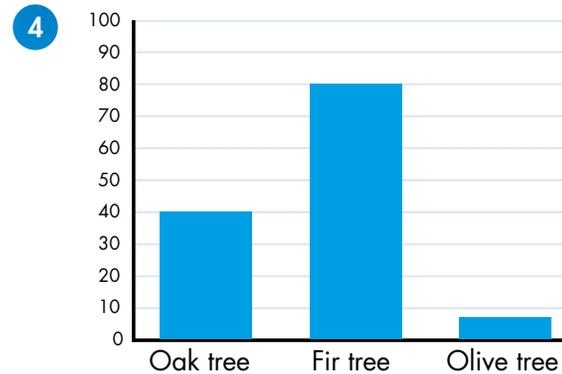
- 1 2 experiment 3 senses 4 results 5 predict
- 2 2 predict 3 results 4 observe 5 senses
- 3 are have wants wants wants 's says can
thinks is can
- 4 1 has 2 has has 3 have 4 has two birds and
Tree B has two birds. 5 Tree A has six birds and
Tree B has three birds.
- 5 Y

Lesson 2

- 1 2 hypothesis 3 height 4 measurement
5 conclusion
- 2 2 Hypothesis: I predict that the seeds that are
watered will grow.
3 Fair test: I put seeds in two pots. Each day, I water
only one pot.
4 Repeat the investigation: I do the same experiment
again.
5 Conclusion: Seeds need water to grow.
- 3 First, I ask Then, before Then I look Then I do
- 4 Hypothesis Fair test Repeat Conclusion
- 5 Do plants need the sun to grow a hypothesis
I predict that the plant in the sun will grow
fair test I put one plant in the sun and I put one plant
in the dark measurements height experiment
conclusion: plants need the sun to grow

Lesson 3

- 1 picture 1: sharp jagged large tall
picture 2: smooth rounded small
- 2 2 pumice 3 granite 4 granite
- 3 2 Basalt 3 Pumice 4 Granite



- 5 Oak tree: 40 m Fir tree: 80 m Olive tree: 7 m
1 Fir tree 2 Oak tree 3 Fir tree
- 6 Students' own answers

Unit 2

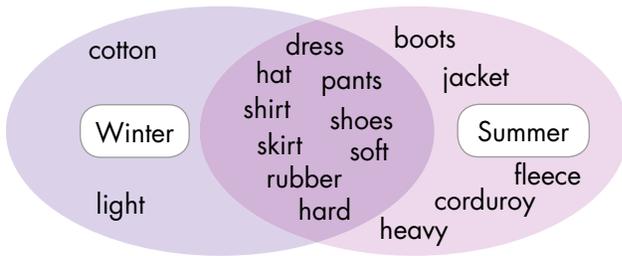
- 1 2 shovel 3 screw 4 scarf 5 earmuffs 6 pulley
- 2 2 F 3 T 4 F 5 T
- 3 2 shovel 3 pulley 4 scarf
- 4 2 pulley 3 wagon 4 earmuffs 5 scarf 6 shovel
- 5 1 C 2 E 3 A 4 B 5 D
- 6 Students' own answers

Lesson 1

- 1 2 material 3 light 4 heavy 5 light 6 soft
- 2 boots: rubber dress: cotton, corduroy
sweater: cotton, fleece hat: cotton, fleece, corduroy,
rubber
- 3 2 light 3 soft 4 hard
- 4 2 cotton 3 It's fleece. 4 They're rubber.
- 5 Students' own answers

Workbook 3 Answer Key

6



7 2 soft 3 cotton 4 heavy

8 Students' own answers

Lesson 2

1 4 pulley 5 screw

2 2 pulley 3 wedge 4 levers

3 2 lever 3 wedge 4 inclined plane
5 simple machine

4 2 can 3 can't 4 can 5 can't 6 can

5 2 an inclined plane 3 a pulley

6 Wedge: knife, teeth, claws
Levers: tongs, shovel

7 2 levers 3 levers 4 wedge

8 2 d levers 3 a wedge 4 b wedges

9 2 move / lift a ball legs levers 3 eat meat
teeth wedge 4 Students' own answers

Unit 3

1 2 ocean 3 desert 4 wetland 5 habitats

2 2 deer 3 coral 4 cactus

3 2 alligators 3 deserts 4 cactuses 5 deer
6 oceans

4 2 oceans 3 wetlands 4 forests

5 Students' own answers

Lesson 1

1 2 spike 3 beak 4 claw

2 2 b 3 d 4 a 5 c 6 e

3 2 T 3 F 4 T 5 F

4 2 It's 3 It's 4 its 5 it's

5 2 is 3 spikes 4 uses 5 fast

6 Students' own answers

Lesson 2

1 2 air 3 nutrients 4 sunlight 5 space

2 2 soil 3 nutrients 4 stem 5 sunlight 6 seeds

3 2 T 3 F 4 T 5 T

4 Pine tree: brown Peach tree: fruit, orange

5 2 cones 3 brown 4 roots 5 soil 6 sunlight
7 nutrients

6 Students' own answers

Lesson 3

1 2 d 3 a 4 c

2 2 camel 3 hump 4 cactus 5 stalk

3 2 ✓ 3 ✓ 4 ✗

4 2 some 3 a lot of 4 little

5 Students' own answers

Review 1-3

1 Across: 1 sight 4 scarf 5 hump 7 hearing
9 pulley 10 granite
Down: 1 smell 2 touch 3 ocean 6 wagon
8 experiment 11 roots

2 2 desert 3 wetland 4 habitat
Mystery word = forest

3 2 pulley 3 pumice 4 inclined plane 5 claws
6 soil

Workbook 3 Answer Key

- 4 1 **b** wetland c horn d spikes odd one out = b
 2 **a** granite b pumice c stalk d basalt
 odd one out = c
 3 **a** scarf b saw c shovel d screw
 odd one out = a

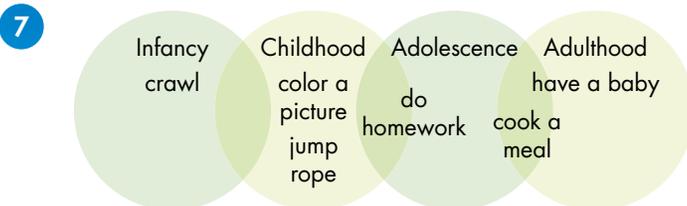
Unit 4

- 1 2 child 3 baby 4 adult
 2 **b** child c adolescent d adult
 3 2 b c 3 a b 4 b c d
 4 2 adolescent 3 adult 4 child adolescent
 5 Students' own answers

Lesson 1

- 1 **a** 3 b adulthood 4 c infancy d childhood 2
 2 2 coordination 3 physical 4 adolescence
 3 2 infancy 3 childhood 4 mental
 4 2 their 3 our 4 our 5 their 6 their
 5 2 F 3 F 4 T 5 T
 6

When do you usually...	Infancy	Childhood	Adolescence	Adulthood
1 reach maturity?				✓
2 color a picture?		✓		
3 jump rope?		✓		
4 do homework?		✓	✓	
5 cook a meal?			✓	✓
6 have a baby?				✓
7 crawl?	✓			



- 8 Students' own answers

Lesson 2

- 1 2 oxygen 3 joint 4 relaxing 5 skeleton
 2 2 stomach 3 blood 4 Muscles
 3 1 b 2 a
 4 2 Next 3 Last 4 First 5 Next 6 Next 7 Last
 5 2 brain 3 oxygen 4 heart 5 blood
 6 contracting and relaxing
 6 1 2 c 3 a 2 1 b 2 a 3 d 4 c
 7 2 senses send information to brain
 3 brain tells us to catch
 4 breathe air
 5 heart pumps blood to lungs
 6 blood picks up oxygen in lungs
 7 blood takes oxygen to body
 8 Students' own answers

Unit 5

- 1 2 hills 3 lake 4 mountains 5 river 6 glacier
 2 **b** lake c mountains d hills e river f ocean
 3 Students' own answers
 4 2 environment 3 glaciers 4 mountain 5 hills
 6 rivers 7 lakes
 5 Students' own answers

Lesson 1

- 1 2 pond 3 stream 4 plain 5 island 6 frozen
 7 salty 8 fresh
 2 Landforms: plain, island, hill
 Water: ocean, lake, river, pond, stream
 3 2 plains 3 landform 4 stream 5 fresh 6 ponds
 4 2 Jasper 3 Mom 4 Jasper 5 Claudia Mom
 6 Claudia

Workbook 3 Answer Key

5 Students' own answers

6 Students' own answers

Lesson 2

1 2 refuge 3 pollution 4 reuse 5 reduce

2 2 pollution 3 reduce 4 reuse 5 refuge

3 Students' own answers

4 2 T 3 T 4 F 5 T

5 We ask people to give us their old dog beds and coats
We turn off the water when we do the dishes
We save a lot of water we recycle the metal cans
We ask the people who work here to put their paper glass and plastic in the recycling bins We also ask them to pick up their trash we turn off all the lights

6 2 I can walk to school.
3 I can reuse paper.
4 I can turn off water.

7 Students' own answers

8 Students' own answers

Unit 6

1 2 moon 3 stars 4 sun

2 2 stars 3 planet 4 sun 5 stars 6 moon

3 2 stars 3 sun 4 moon

4 Students' own answers

5 2 sun 3 star 4 stars 5 moon 6 sun 7 moon

6 Students' own answers

Lesson 1

1 2 noon 3 sunset 4 sunrise 5 heat

2 2 heat 3 sunrise 4 noon 5 sunset

3 2 noon 3 sun 4 heat 5 sunset

4 Suggested answers:

2 John sleeps until 10 A.M.

3 John's mom cooks lunch at 12 P.M.

4 John's family goes home at sunset.

5 Students' own answers

Lesson 2

1 2 moon 3 stars 4 constellation
5 phases of the moon

2 2 constellations 3 moon 4 phase 5 craters

3 Moon and Stars: crater full half new phase
Sun: heat light noon sunrise sunset

4 2 look 3 looks 4 look like 5 look like
6 looks like

5 Students' own answers

6 Students' own answers

Lesson 3

1 b Venus c Earth d Mars e Uranus f Mercury
g Jupiter h Saturn i Neptune

2 1 Mercury 2 Venus 3 Earth 4 Mars 5 Jupiter
6 Saturn 7 Uranus 8 Neptune

3 2 solar system 3 sun 4 object 5 orbit 6 sun

4

	Planet Number	Rock	Metal	Mountains
Venus	2	✓	✓	✓
Mars	4	✓	✓	✓
Earth	3	✓	✓	✓

	Craters	Orbit (days)	Moons (number)	Heat (°C)
Venus	✓	225	0	462
Mars	✓	686	2	5
Earth	✓	365	1	58

5 Students' own answers

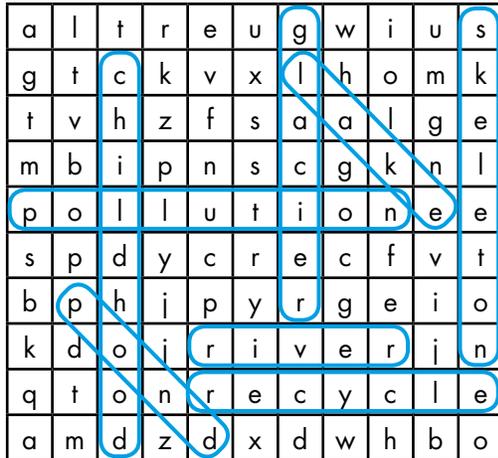
Workbook 3 Answer Key

Review 4-6

- 1 Down: 1 infancy 2 ocean 3 refuge
4 contracting 7 joint
Across: 6 sunset 8 mountain

- 2 2 planet star 3 noon sunrise
4 add *like* after *looks* 5 last Next

3



- 4 2 c 3 c 4 a 5 b

Unit 7

- 1 2 c 3 b
- 2 Precipitation: rainy
Temperature: cool, hot, warm, cold
Drought: dry, sunny
- 3 2 rainbow drought 3 Temperature Precipitation
4 rainbows temperature 5 drought rainbow
- 4 2 temperature 3 thunderstorm 4 precipitation
5 rainbow 6 Drought
- 5 Suggested answers: 2 sunny 3 light 4 an object
5 sunlight 6 There are six colors in a rainbow.

Lesson 1

- 1 stormy rainy hail sleet wet humid
- 2 2 sleet 3 hail 4 freezing 5 humid 6 stormy
- 3 Students' own answers
- 4 2 softly 3 loudly 4 quietly
- 5 2 wet 3 forcefully 4 sleet 5 softly 6 hail
7 temperature 8 freezing
- 6 Suggested answers: 2 rain is falling forcefully
3 it's stormy 4 there's hail 5 there's sleet

Lesson 2

- 1 2 c rain gauge 3 d wind vane
4 a thermometer
- 2 2 rain gauge 3 anemometer 4 thermometer
- 3 2 c 3 a 4 b
- 4 1 Provence 2 Normandy
- 5 2 had 3 fell 4 was
- 6 Students' own answers

Lesson 3

- 1 2 d 3 a 4 c
- 2 Thunderstorm: heavy rain, lightning, (strong winds)
Hurricane: strong winds, heavy rain
Tornado: strong winds
- 3 2 lightning 3 thunderstorm 4 tornado 5 shelter
6 severe weather
- 4 2 F 3 T 4 F
- 5 2 Sit 3 Cover 4 Stay
- 6 Suggested answers: 1 Stay in a building.
2 Close the windows. 3 Turn off the TV.

Workbook 3 Answer Key

Unit 8

- 1 2 ✓ 3 liquid solid 4 solid liquid
- 2 2 gas 3 liquid 4 liquid 5 solid 6 solid
- 3 liquid: lemonade, milk, rain
solid: door, book, shorts, baseball
gas: oxygen
- 4 2 liquid 3 solid 4 solid 5 solid 6 gas
- 5 Students' own answers

Lesson 1

- 1 2 gas 3 liquid 4 states of matter
- 2 Solid: hills, camera
Liquid: lakes, rivers, rain
Gas: oxygen
- 3 2 always 3 never 4 always 5 never 6 always
7 always
- 4

	Keeps Its Own Shape	Keeps Its Own Size	Takes the Shape of Its Container e.g. bowl cup etc.
Solid		always	never
Liquid	never		always
Gas	never	never	always

- 5 Students' own answers

Lesson 2

- 1 2 d 3 a 4 b
- 2 B mixture separate C clay physical change
D evaporate
- 3 2 A 3 B 4 D
- 4 2 can 3 can 4 can't 5 can 6 can
- 5 2 can change 3 can separate 4 can evaporate

Lesson 3

- 1 2 b 3 a 4 b 5 b
- 2 2 a 3 b 4 a 5 c
- 3 Students' own answers
- 4 2 B
3 A
4 D
- 5 Suggested answers: a liquid to a solid melts
a solid to a liquid

Unit 9

- 1 2 soft noise 3 soft noise 4 loud noise
5 soft noise 6 soft noise 7 loud noise
8 loud noise
- 2 2 soft noise 3 force 4 loud noise
- 3 A Little Force: baby brother, mom
A Lot of Force: father, brother
- 4 2 I push a toy car. It uses a little force.
- 5 Students' own answers

Lesson 1

- 1 2 a 3 d 4 b
- 2 2 sound 3 vibrates 4 sound 5 volume
- 3 2 instrument 3 vibrates sound 4 loud
- 4 2 c 3 c 4 a
- 5 2 low 3 high and low 4 high
- 6 Students' own answers

Lesson 2

- 1 2 Motion 3 zigzag 4 push 5 pull
6 back and forth 7 around and around
- 2 2 Yes 3 No 4 Yes 5 Yes

Workbook 3 Answer Key

3 2 toward 3 away 4 away 5 toward

4 2 D 3 A 4 C

5 Students' own answers

Lesson 3

1 2 magnet 3 attracting 4 repelling 5 attract
6 repel 7 pole

2 2 x 3 ✓ 4 x 5 x 6 x

3 correct 2 attracts some metal objects

4 2 poles 3 attract

5 b north c south d like e opposite

6 2 attract
1 repel

7 1 correct 2 can both repel and attract another magnet

Review 7-9

1 2 thermometer 3 hail 4 lightning 5 drought
6 temperature 7 rain gauge.
Mystery word = weather

2 2 dough 3 noise 4 pole 5 anemometer
6 mixture

3 2 b 3 b 4 c 5 d 6 b

4 2 a x b ✓ 3 a x b ✓ 4 a x b ✓ 5 a ✓ b x
6 a ✓ b x

Reading Skills

Unit 1

1 granite 2 pumice

Unit 2

1 shovels 2 move 3 saw

Unit 3

pelican squirrel

Unit 4

Exercise build healthy muscles joints healthy body
weight feel good

Unit 5

a

Unit 6

a Jupiter b 29

Unit 7

1 b 2 a

Unit 8

1 water 2 water vapor

Unit 9

1 a little 2 a lot

Writing Skills

Unit 1

Box C

Unit 2

Pupils' own answers

Unit 3

Pupils' own answers

Unit 4

1 10 hours a night 2 2,800 calories a day 3 420 minutes a week

Unit 5

Pupils' own answers

Unit 6

1 constellation 2 looks like

Unit 7

2 hail 3 lightning 4 sunny

Unit 8

1 liquid 2 N 3 Y

Unit 9

pull toward push away