

Lesson 1 Answer Key

Vocabulary _____

Activity 1.1 (Pages 2-4)

A-page 2

1. a hoe
2. a plow
3. a harvester
4. a drone
5. a tractor
6. a scarecrow

B-page 3

1. a chicken coop
2. silos
3. a barn
4. hay bales

C-pages 3-4

1. crop rotation
2. vertical farming
3. sustainable farm
4. livestock farming
5. irrigation system

Activity 1.2 (Page 4)

1. E. a hay bale
2. C. a barn
3. I. a scarecrow
4. L. livestock farming
5. A. a tractor
6. O. sustainable farming
7. J. a harvester
8. N. vertical farming
9. K. a drone
10. G. a chicken coop
11. D. a hoe
12. M. crop rotation
13. B. a plow
14. F. a silo
15. H. irrigation system

Language Focus

Exercise 1.1 (Page 8)

1. The farmhouse is directly opposite the barn.
2. The two places next to the pond are the chicken coop and the barn.
3. The chicken coop is in front of the farmhouse.
4. Walk past the barn, then turn right to reach the vegetable garden.
5. Turn right and walk toward the farmhouse, the entrance is next to the farmhouse.

Exercise 1.2 (Page 8)

1. The cows are grazing **in** the field.
2. The apples are **in** the basket on the table.
3. The farmer is standing **at** the gate, waiting for the delivery truck.
4. There is a cat hiding **in** the barn.
5. The tractor is parked **on** the driveway in front of the farmhouse

Reading

Activity 1.4 (page 9)

1. True
2. False
3. True
4. False
5. True
6. True
7. False
8. True
9. False
10. True

Listening

Activity 1.5 (Page 10)

- (1) agriculture science
- (2) sustainable farming
- (3) irrigation systems
- (4) drones
- (5) sustainable methods
- (6) rotating crops
- (7) organic fertilizers
- (8) vertical farming
- (9) greenhouse
- (10) hands-on experience

Activity 1.6 (Page 10)

1. The student studies agricultural science.
2. The college uses automated irrigation systems and drones.
3. The farm raises cattle, sheep, and chickens.
4. The practices mentioned are crop rotation, organic methods, and vertical farming.

Lesson 1 Test

(Page 14-15)

1. b. to monitor crops and check field conditions
2. b. irrigation system
3. b. Introducing himself and welcoming the visitor
4. a. The farm size and activities
5. a. Using drones to check crop health
6. a. to increase productivity and save resources
7. b. To the left
8. c. in front of



9. b. along
10. b. Modern tools make farming more efficient.

Lesson 2 Answer Key

Vocabulary

Activity 2.1: (Page 17)

B	O	G	D	A	T	A	S	O	I	L	I	G	S	E	N	S	O	R	S
A	U	T	O	M	A	T	I	Q	N	O	N	E	C	L	I	M	A	T	E
R	P	U	C	L	I	M	A	T	E	I	T	G	I	S	A	U	T	O	B
L	R	P	A	U	T	O	T	A	U	S	E	R	S	O	M	E	N	T	A
N	E	R	O	N	O	N	E	S	L	N	R	E	O	I	A	I	T	G	G
E	C	E	T	C	O	N	T	R	O	L	N	N	I	L	N	P	O	I	R
D	I	C	E	S	A	U	T	O	U	G	E	N	L	M	A	R	P	C	I
A	S	A	R	B	I	G	D	A	T	A	T	H	E	O	G	E	M	R	C
U	I	N	N	C	L	I	M	S	E	R	O	O	E	R	T	C	A	O	U
T	O	E	E	L	R	P	R	E	S	T	F	M	L	N	O	I	A	P	L
O	N	I	T	C	O	N	T	R	O	L	T	I	S	I	R	S	R	M	T
R	A	U	T	O	M	A	T	I	O	N	H	D	O	T	I	I	I	A	I
G	G	P	R	E	C	D	A	T	A	O	I	D	I	O	N	O	M	N	N
I	R	L	I	G	S	T	A	D	A	G	N	A	G	R	G	N	N	A	T
N	I	C	L	I	M	A	T	E	S	N	G	A	E	I	B	I	G	G	E
C	C	P	S	O	I	A	U	T	O	B	S	T	I	N	A	U	T	E	R
L	U	D	A	T	A	C	O	N	T	I	N	A	T	G	R	A	O	M	T
C	L	I	M	A	T	E	C	O	N	T	R	O	L	A	U	T	O	E	N
E	T	T	R	A	C	K	O	D	A	D	A	S	O	I	L	I	N	N	A
M	U	T	I	O	N	H	D	O	T	A	C	I	C	K	S	O	I	T	L
O	R	E	L	I	V	E	S	T	O	C	K	T	R	A	C	K	I	N	G
G	E	R	R	R	T	O	R	S	O	I	I	L	C	O	L	T	O	N	K
G	R	E	E	N	H	O	U	S	E	A	U	T	O	M	A	T	I	O	N

- | | |
|--------------------------|--|
| 1. Sensors | ตัวตรวจจับ-ตรวจจับอุณหภูมิ ความชื้น หรือแสงในฟาร์ม |
| 2. Internet of Things | อินเทอร์เน็ตในทุกสิ่ง-อุปกรณ์เชื่อมต่ออินเทอร์เน็ตเพื่อส่งข้อมูล |
| 3. Climate Control | ระบบควบคุมสภาพอากาศ - ควบคุมอุณหภูมิและความชื้นในโรงเรือน |
| 4. Big Data | ข้อมูลขนาดใหญ่ - การรวบรวมและวิเคราะห์ข้อมูลจากฟาร์มขนาดใหญ่ |
| 5. Livestock Tracking | การติดตามปศุสัตว์ - ใช้เทคโนโลยีติดตามสัตว์ เช่น ตำแหน่ง สุขภาพ ฯลฯ |
| 6. Automation | ระบบอัตโนมัติ - ใช้เครื่องจักรทำงานแทนคน เช่น ระบบรดน้ำอัตโนมัติ |
| 7. Soil Monitoring | การตรวจวัดดิน - ติดตามความชื้นหรือธาตุอาหารในดิน |
| 8. Precision Agriculture | เกษตรแม่นยำ - การใช้ข้อมูลเพื่อจัดการฟาร์มแบบแม่นยำและมีประสิทธิภาพสูง |
| 9. Greenhouse Automation | โรงเรือนอัตโนมัติ - โรงเรือนที่ควบคุมสภาพแวดล้อมโดยไม่ต้องใช้แรงงานคน |
| 10. Crop Management | การจัดการพืชผล - วางแผนการปลูก การเก็บเกี่ยว และการบำรุงรักษา |

Activity 2.2 (Page 18)

1. Precision agriculture
2. Internet of Things (IoT)
3. Sensors
4. Automation
5. big data
6. Artificial intelligence
7. Smart irrigation
8. soil monitoring
9. climate control
10. livestock tracking

Listening

Activity 2.3 (Page 19)

Dialogue 1: Drones on a Farm

- Anna: "What do drones do on a farm?"
- Tom: "They take aerial photos to check crop health."
- Anna: "That's interesting! Can they do anything else?"
- Tom: "Yes, some drones can also monitor soil conditions and even spray fertilizers or pesticides over the fields."

Dialogue 2: Greenhouse Controllers

- Lisa: "How does a greenhouse controller work?"
- James: "It automatically adjusts temperature and humidity."
- Lisa: "That sounds convenient. Does it do anything else?"
- James: "Yes, some advanced controllers can also regulate light, water supply, and even CO₂ levels to optimize plant growth."
- Lisa: "That must make growing plants much easier!"
- James: "It sure is. Plus, farmers can monitor and control the settings remotely using their smartphones or computers."

Activity 2.4 (Page 20)

1. b. They take aerial photos to check crop health.
2. a. monitoring soil conditions and spraying fertilizers or pesticides
3. c. They help detect pests or crop diseases early.
4. d. temperature and humidity
5. a. They can regulate light, water supply, and CO₂ levels.

Reading

Activity 2.7 (Page 22-23)

1. d. To monitor fields and check crop health
2. c. By supplying water only when needed to save water
3. a. It predicts weather patterns and recommends strategies.
4. d. To monitor and control farms remotely
5. b. To save resources and increase efficiency

Language Focus

Exercise 2.1 (Page 27)

1. more efficient than
2. more advanced than
3. faster than
4. the most useful
5. more accurate than
6. the largest
7. more expensive than
8. the easiest
9. more sustainable than
10. more intelligent than

Exercise 2.2 (Page 28)

1. **Comparative:**

Smart sensors are **more accurate than** traditional observation because they detect real-time environmental data.

Superlative:

Among all methods, digital sensors are **the most accurate** way to measure soil and weather conditions in agriculture.

2. **Comparative:**

Drones are **more expensive than** most traditional farming tools, but they provide better data and coverage.

Superlative:

Drones with thermal imaging are **the most expensive** tools in smart farming, but they also offer the most advanced features.

3. **Comparative:**

Drones are **more useful than** handheld sensors for monitoring large crop fields.

Superlative:

Of all the monitoring tools, drones are **the most useful** for detecting crop health problems early.

4. **Comparative:**

Smart machines complete planting tasks **faster than** manual workers.

Superlative:

Automated seeders are **the fastest** tools for planting rows of crops in modern farming.

5. **Comparative:**

Using smart farming apps is **easier than** keeping paper records.

Superlative:

The easiest way to manage farm data today is by using cloud-based applications on a smartphone.

Exercise 2.3 (Page 29)

1. The **more advanced** the technology, the **more efficient** the farming process will be.
2. The **more complicated** drones are developed, the **more accurate** the crop monitoring will be.
3. The **smarter** the irrigation system, the **more economical** it will be.

Answer Key for English for Agriculture [20000-1218]

4. The **cheaper** smart farming equipment becomes, the **more common** it will be among small farmers.
5. The **better** the soil quality, the **higher** the crop yield.

Exercise 2.4 (Page 29)

2. **The hotter** the weather gets, **the drier** the land will be.
3. **The more accurate** the sensors become, **the more precise** the sowing will be.
4. **The lower** the drones fly, **the clearer** the images they can take.
5. **The more** hi-tech farming equipment we produce, **the better and cheaper** products farmers can grow.

Lesson 2 Test

(Page 33-34)

1. b. Devices connected to the internet for data collection
2. a. To save water by supplying it only when needed
3. d. Crops, soil, and animal health
4. b. It measures soil nutrients and moisture
5. c. drones
6. d. sensors
7. a. easier
8. a. larger
9. b. more important
10. a. the best

Lesson 3 Answer Key

Vocabulary

Activity 3.1 (Page 36-37)

1. planting
2. sowing
3. irrigating
4. composting
5. mulching
6. cultivating
7. harvesting
8. weeding
9. plowing
10. fertilizing

Activity 3.2 (Page 37)

1. plowing
2. Irrigating
3. composting
4. sowing
5. fertilizing
6. weeding
7. Planting
8. Mulching
9. harvesting
10. cultivating

Listening

Activity 3.3 (Page 38)

1. To improve soil fertility, organic farmers use **manure**, **compost**, and other organic materials instead of synthetic fertilizers.
2. Pest control in organic farming involves natural alternatives like **neem** oil, beneficial insects, and **crop** rotation.
3. Instead of using chemical pesticides, organic farmers introduce **beneficial** insects to help control pests naturally.
4. To conserve water, farmers often use **drip** irrigation systems to minimize water waste.
5. Covering the soil with **mulch** helps retain moisture and reduces the growth of weeds.
6. Organic farming promotes **biodiversity** by planting a variety of crops and maintaining green spaces to support wildlife.
7. One of the main benefits of organic farming is that it produces **healthier** food while protecting the **environment**.
8. Using techniques like **crop rotation** can create long-term sustainability for the farm.

Answer Key for English for Agriculture [20000-1218]

9. A key goal of organic farming is to maintain **nutrient-rich** soil that supports healthy plant growth.
10. Organic farmers avoid using **genetically** modified organisms (GMOs) to ensure their crops are natural and sustainable.

Reading

Activity 3.5 (Page 40-41)

1. b. To protect soil and water
2. c. Composting
3. d. They contain fewer harmful residues.
4. b. It avoids synthetic chemicals.
5. a. They require more time and labor.
6. b. It is richer and more natural.
7. c. Their personal preference and budget.
8. d. Rotating crops to maintain soil health
9. b. It is better for the environment.
10. a. It is more expensive.

Language Focus

Exercise 3.1 (Page 44)

1. faster
2. more efficiently
3. more fluently
4. harder
5. more quickly
6. more accurately
7. more carefully
8. earlier
9. more frequently
10. more badly

Exercise 3.2 (Page 44-45)

1. the most quickly
2. the hardest
3. the most efficiently
4. the most effectively
5. the most clearly
6. the earliest
7. the most naturally
8. the most enthusiastically
9. the longest
10. the most easily

Exercise 3.3 (Page 45)

Answer Key for English for Agriculture [20000-1218]

1. the most beautiful
2. more fluently than
3. the fastest
4. more effectively than
5. the worst
6. the most creatively
7. more quickly than
8. the most interesting
9. more efficiently than
10. the hardest

Lesson 3 Test

(Page 49-50)

1. b. Recycling organic waste into soil nutrients
2. c. Introducing beneficial insects
3. a. To prevent pests and diseases
4. b. Reducing biodiversity
5. b. It is healthier and grown sustainably
6. c. the most delicious
7. b. more efficiently than
8. b. This is the healthiest way to grow crops.
9. a. harder
10. c. more effectively than

Lesson 4 Answer Key

Vocabulary

Activity 4.1 (Page 52-53)

1. safety glasses
2. boots
3. gloves
4. hard hat
5. harness
6. earmuffs
7. dust mask
8. coverall suit
9. respirator
10. high visibility vest
11. harnesses system
12. earplugs
13. safety goggles
14. steel-toe boots

Activity 4.2 (Page 53)

1. c. eye protection
2. h. fall protection
3. e. hand protection
4. d. foot protection
5. f. head protection
6. a. hearing protection
7. b. respiratory protection
8. g. body protection

Activity 4.3 (Page 54)

1. Safety glasses are used for eye protection.
2. Rubber boots are used for foot protection.
3. Gloves are used for hand protection.
4. Hard hats are used for head protection.
5. Safety harnesses are used for fall protection.
6. Earmuffs are used for hearing protection.
7. Dust masks are used for respiratory protection.
8. Coveralls are used for body protection.
9. Gas masks are used for respiratory protection.

Reading

Activity 4.4 (Page 55-56)

- A (Page 56)**
1. b. To protect the head from falling objects
 2. b. Respirators
 3. c. By inspecting equipment regularly
 4. b. To make farmers visible in busy areas

5. a. Use harnesses or fall protection systems

- B (Page 56)**
1. False
 2. False
 3. True
 4. True
 5. False

Activity 4.5 (Page 57-59)

- A (Page 58)**
1. b. 44%
 2. d. 65 years or older
 3. c. Remove the keys after turning off the engine
 4. b. Complete a certified training course
 5. c. Supervise them at all times and keep them away from hazardous areas

- B (Page 58)**
1. True
 2. False
 3. False
 4. True
 5. True

C (Pages 58-59)

1. The percentage of farm fatalities involve work with livestock is 19%.
2. The two areas on a farm that children should be kept away from are slurry pits and operating machinery. (คำตอบอื่นเช่น: *silage pits, chemical stores, elevated locations* เป็นต้น)
3. The two steps included in the SAFE STOP procedure are turn off the engine and remove the keys.
4. To protect yourself between the cow and her calf and to have an escape route.
5. They must complete certified training and wear appropriate head protection.

Activity 4.6 (Page 59-60)

1. c. To warn about dangers and give safety instructions
2. d. The chemical is highly toxic and dangerous.
3. a. Do not breathe in the chemical.
4. b. Wash the affected area immediately with water.
5. a. Gloves and a mask

Activity 4.7 (Page 60)

1. c. Highly toxic, dangerous to humans
2. b. Flammable, keep away from fire
3. e. This chemical is inedible.
4. d. Harmful, follow safety instructions
5. a. Wear protective gloves when using

Listening

Activity 4.8 (Page 61)

safety rules

farm, steel-toed
tractor
parking, removing
livestock ใน Audio เป็น [animals]
calves, back
chemicals
fertilizers, labels ใน Audio เป็น [instructions], locked
avoid
machinery, children
alert, report, right ใน Audio เป็น [carefully].
questions

Activity 4.9 (Page 62)

1. b. gloves, goggles, steel-toed boots, and a mask
2. a. parking the tractor, using the handbrake, putting the gear in neutral, turning off the engine, and removing the keys
3. b. use proper handling equipment and never turn her back on them
4. b. wear gloves and a mask, read the instructions, and never mix chemicals unless trained
5. c. slurry pits, silage pits, and machinery if she is not trained to use them

Language Focus _____

Exercise 4.1 (Page 66)

1. must
2. must not
3. should
4. might
5. must not
6. need to
7. may
8. can
9. must not
10. must

Exercise 4.2 (Page 66)

1. You must follow the safety rules.
2. The weather might change tomorrow.
3. You should wear gloves when using sharp tools.
4. You must not smoke near the fuel tank.
5. You may take a break after completing your work.

Lesson 4 Test _____

(Page 69)

1. a. Wear gloves and goggles.
2. b. Follow the SAFE STOP procedure.
3. d. Always use proper handling tools.
4. a. Be careful of animals in this area.
5. c. Drive cautiously near slow-moving vehicles.
6. d.



- 7. a. You have to wear protective gloves when handling chemicals on the farm.
- 8. b. must
- 9. a. must
- 10. c. should not

Lesson 5 Answer Key

Vocabulary

Activity 5.1 (Page 72)

Introduction

3. "Let me start by introducing..."
6. "Today, I will be talking about..."

Explaining a process

2. "The next step is to..."
9. "First, you need to..."

Demonstrating use or function

4. "This device is used for..."
8. "You simply press this button to..."

Emphasizing key points

1. "It's important to note that..."
7. "I would like to highlight that..."

Concluding phrases

5. "In conclusion, we can see that..."
10. "To summarize,..."

Activity 5.2 (Page 73)

1. C. Let me start by introducing, ...
2. F. Today, I will be talking about ...
3. I. First, you need to ...
4. H. You simply press this button to ...
5. B. The next step is to ...
6. D. This device is used for ...
7. J. To summarize, ...
8. G. I would like to highlight that ...
9. A. It's important to note that ...
10. E. In conclusion, we can see that ...

Listening

Activity 5.3 (Page 74-75)

- (Audio 16) Good morning / talking about
(Audio 17) Let me start by / This farm is used for
(Audio 18) First, you need to understand that / This ensures that / The next step is
(Audio 19) It's important to note that
(Audio 20) I would like to highlight that / By adopting these practices,
(Audio 21) To summarize, / In conclusion,
(Audio 22) If you'd like to learn more / feel free to ask.

Activity 5.4 (Page 75)

1. b. combining technology with sustainability and productivity
2. c. solar panels

3. b. hydroponic system
4. b. the temperature, humidity, and lighting conditions
5. c. approximately 70%

Activity 5.5 (Page 76)

1. b. synthetic chemicals
2. d. cherries, blueberries, and peaches
3. a. on a natural, free-range diet
4. d. It is made by bees in a pesticide-free environment.
5. c. It supports healthier eating and protects the environment.

Language focus _____

Exercise 5.1 (Page 80)

1. First,
2. Next,
3. Then,
4. After that,
5. While
6. Secondly,
7. Meanwhile,
8. Before,
9. Lastly,
10. Finally,

Exercise 5.2 (Page 81)

- (4) Water the soil gently to provide moisture to the seed.
- (3) Cover the seed with a thin layer of soil.
- (1) Dig a small hole about 1 inch deep in the soil.
- (5) Wait for the seed to sprout, and then care for it daily.
- (2) Place the seed into the hole.



First, dig a small hole about 1 inch deep in the soil.



Next, place the seed into the hole.



Then, cover the seed with a thin layer of soil.



After that, water the soil gently to provide moisture to the seed.



Finally, wait for the seed to sprout, and then care for it daily.

Speaking _____

Activity 5.5 (Page 76)

Activity 5.6 (Page 82)

First,

The next step

Once it's on

To start the system

It's important to

Let me know if you have any questions

Reading

Activity 5.8 (Page 84)

1. b. Check the animals
2. a. Using irrigation systems or hoses
3. c. Sort and pack the produce
4. b. To ensure they work efficiently
5. b. Because it provides fresh food for commLessonies

Activity 5.9 (Page 85-86)

A. (Page 85)

1. It helps water your garden or crops without using your hands. It saves time and water.
2. a) Pipes – carry water to the plants
b) Water pump – pushes water through the pipes
c) Timer – sets when the system starts and stops
d) Sprinklers or drip heads – release water to the plants
3. 6:00 AM and 5:00 PM

B. (Page 86)

1. c. check the system
2. c. clean the filter
3. c. when it is raining
4. d. timer
5. a. sprinkler heads

Activity 5.10 (Page 86-87)

1. b. collecting organic waste
2. c. dairy products
3. b. to help the compost break down faster
4. c. sprinkle water lightly
5. a. It turns dark and crumbly.

Lesson 5 Test

1. b. first
2. c. "First, you need to..."
3. c. lastly
4. b. "Let me start by introducing..."
5. a. "I would like to highlight..."
6. b. while
7. a. "Watch closely as I..."
8. a. "Secondly, you need to..."
9. d. hopefully
10. d. All of the above

Lesson 6 Answer key

Vocabulary

Activity 6.1 (Page 93-94)

1. poultry farm
2. crop farm
3. bee farm
4. sheep farm
5. dairy farm
6. cattle farm
7. fish farm
8. pig farm
9. fruit orchard
10. organic farm

Activity 6.2 (Page 94)

1. poultry farm
2. dairy farm
3. fruit orchard
4. fish farm
5. bee farm
6. crop farm
7. sheep farm
8. pig farm
9. organic farm
10. cattle farm

Activity 6.3 (Page 94)

1. B
2. G
3. D
4. E
5. C
6. H
7. I
8. A
9. F
10. J

Listening

Activity 6.4 (Page 96)

Officer: Good morning, this is **the District Agricultural Office**. How can I help you today?

Farmer: Good morning. My name is **Thomas**, and I'm calling to report an **incident** that occurred on my farm yesterday.

Officer: I see. Can you tell me the name of your farm and the date and time of the incident?

Answer Key for English for Agriculture [20000-1218]

Farmer: Sure, my farm is called **Thomas Farms**. The incident happened **yesterday, January 22nd**, at around **3:00 PM**.

Officer: Thank you. What type of incident are you reporting?

Farmer: It's a pest infestation. I discovered many caterpillars **damaging** the corn in one of my fields.

Officer: How much of your crop is **affected**?

Farmer: About 30% of the crop in that field is damaged.

Officer: I see. Where exactly is the affected field located on your farm?

Farmer: The field is in the **southern** section, **near** the irrigation channel.

Officer: Have you taken any actions to **control** the pests?

Farmer: Yes, I've used an organic **pest control** spray in the affected area.

Officer: That's a good first step. How large is the area that's affected?

Farmer: About 10 acres.

Officer: Understood. I'll forward your **report** to our team, and we'll **follow up** with advice and support to help you manage the infestation.

Farmer: Thank you. I appreciate it.

Officer: You're welcome. We'll be in touch soon. Have a good day!

Farmer: You too. Goodbye.

Activity 6.5 (Page 97)

1. b. Thomas
2. b. Thomas Farms
3. a. January 22nd at 3:00 PM
4. c. a pest infestation
5. c. 30%

Writing

Activity 6.6 (Page 98)

Incident Informant:

Farm/Livestock Owner

Date: January 22nd

First name: Thomas

Last name: (ไม่ระบุในบทสนทนา, อาจเว้นว่างไว้)

Mobile phone no.: (ไม่ระบุในบทสนทนา, อาจเว้นว่างไว้)

Farm name: Thomas Farms

Farm owner's name: Thomas

Location of incident farm: Southern section, near the irrigation channel

Farm contact telephone number: (ไม่ระบุในบทสนทนา, อาจเว้นว่างไว้)

Explain the infected farming crops (product) and/or livestock involved:

Example Answers:

- There was a pest infestation in one of the corn fields. Many caterpillars were discovered damaging the corn. About 30% of the crop in the field was affected. The affected field is located in the southern section, near the irrigation channel. An organic pest control spray was used in the affected area, which covers approximately 10 acres.

- There was a pest infestation in one of the corn fields. Numerous caterpillars were discovered damaging the corn. Approximately 30% of the crop in the field was affected. The

Answer Key for English for Agriculture [20000-1218]

affected field is located in the southern section, near the irrigation channel. An organic pest control spray was applied to the affected area, which covers approximately 10 acres.

Speaking

Activity 6.8 (Page 100-101)

1. d. February 10th, 7:30 AM
2. a. Coughing, difficulty breathing, and weakness
3. b. A malfunctioning ventilation system
4. c. 12
5. b. A veterinarian was called, and temporary fans were set up.

Activity 6.9 (Page 101)

Farm Location: Green Pastures Livestock Farm

Reporter's Name: John Carter

Date of Report: February 10th

Contact Information: *Not provided*

Date of Incident: February 10th

Time of Incident: 7:30 AM

Type of Incident: Illness

Location on Farm: West Barn

Description of Incident: Several cows in the west barn showed signs of illness during a routine check. They were coughing, had difficulty breathing, and appeared weak. The barn's ventilation system was found to be malfunctioning.

Signs/Symptoms or Damages Observed: Coughing, difficulty breathing, and weakness.

Type of Animal/Crop Affected: Cows

Number of Animals/Crops Affected: 12 cows

Condition of Animals/Crops: Weak, respiratory symptoms observed, but improving with treatment.

Immediate Actions Taken: A veterinarian was called, cows were treated with medication, and temporary fans were set up to improve airflow.

Possible Causes of Incident: **Poor air circulation due to malfunctioning ventilation system**

Next Steps/Recommendations: Ventilation system scheduled for repair within two days; continue monitoring air quality and animal health.

Language Focus

Exercise 6.1 (Page 106)

1. since
2. from ... to ...
3. until
4. until
5. for
6. from ... to ...
7. until
8. since
9. for
10. from ... to ...

Exercise 6.2 (Page 106)

1. They have worked on the farm since 2015.
2. The workers worked from 7 AM to 5 PM on Monday.
3. We watered the crops until the evening.
4. He stayed for the training program for three weeks.
5. The workers finished the harvest until late at night.

Exercise 6.3 (Page 107)

1. planted
2. broke
3. harvested
4. got
5. worked
6. called
7. damaged
8. repaired
9. prepared
10. was

Exercise 6.4 (Page 107)

Answers will vary.

Lesson 6 Test

(Page 110)

1. b. To raise cows for milk and dairy products
2. c. hydroponic farm
3. b. wheat
4. c. 40%
5. b. The farmer sprayed organic pest control.
6. b. February 15, 2025
7. b. pest infestation
8. a. since
9. b. from / until
10. c. harvested