NEW

# ODYSSEY

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4

BIGBOX
Learning App
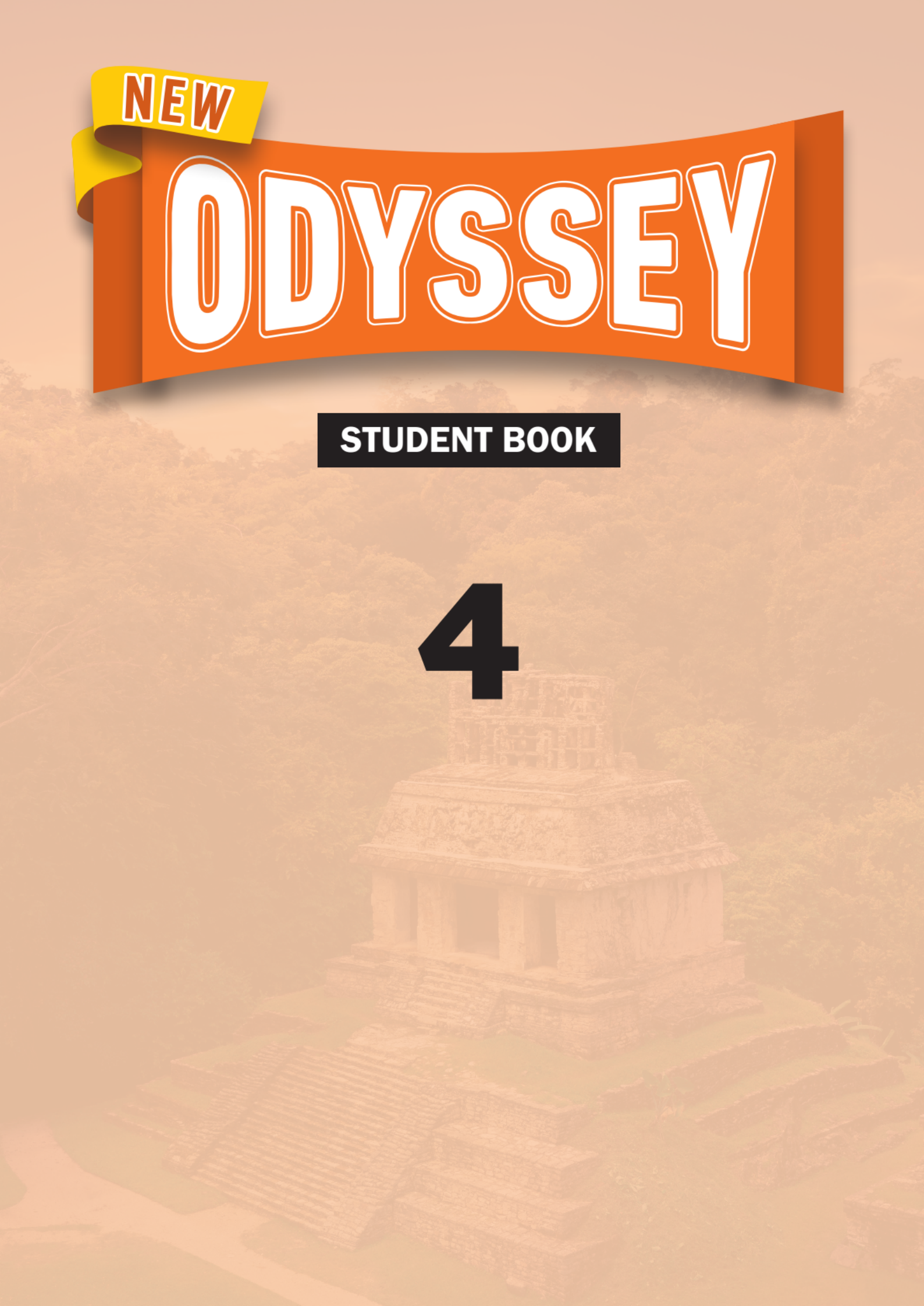
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# NEW

# ODYSSEY

## STUDENT BOOK

# 4

# SCOPE AND SEQUENCE

### MODULE 1 — P. 04-27

| UNIT / PAGE | SKILL | LESSON PRODUCTION | LANGUAGE | OUTCOME |
|---|---|---|---|---|
| **UNIT 1** IN THE FUTURE — p. 04-15 | Reading | Learn about important inventions | Words related to technology | Create an application storyboard |
| | Listening | Understand job descriptions of people in the tech industry | Words related to computers | |
| | Speaking | Make predictions about the future | Words related to development | |
| | Writing | Write about new and changing technology | Words related to engineering | |
| | Project | Design an application | Words related to research | |
| **UNIT 2** THAT'S ME! — p. 16-27 | Listening | Listen to talks about where someone has been | Words related to experiences | Create a memory map |
| | Speaking | Talk about your experiences | Words related to emotions | |
| | Reading | Read about interesting hobbies and pastimes | Words related to hobbies | |
| | Writing | Write about one of your interest | Words related to stative verbs | |
| | Project | Create a special map | Words related to past events | |

### MODULE 2 — P. 28-51

| UNIT / PAGE | SKILL | LESSON PRODUCTION | LANGUAGE | OUTCOME |
|---|---|---|---|---|
| **UNIT 3** PROBLEMS AROUND THE HOUSE — p. 28-39 | Listening | Listen to people talk about problems around the house | Words related to home repair | Plan and budget a renovation |
| | Speaking | Talk about problems around the house | Problems around the home | |
| | Reading | Read about smart homes | Words related to energy | |
| | Writing | Write a post explaining a problem | Words related to issues | |
| | Project | Plan a renovation of your school | Words related to repair work | |
| **UNIT 4** KNOW THE RULES — p. 40-51 | Reading | Understand safety precautions | Words used in emergencies | Figure out complex problems |
| | Speaking | Ask for and respond to requests for permission | Words to respond to requests | |
| | Listening | Understand rules and consequences | Words related to rules and consequences | |
| | Writing | Write a letter asking for permission | Words to ask for permission; Phrasal verbs with *look* | |
| | Project | Solve complex problems with a group | Words related to crime and punishment | |

### MODULE 3 — P. 52-75

| UNIT / PAGE | SKILL | LESSON PRODUCTION | LANGUAGE | OUTCOME |
|---|---|---|---|---|
| **UNIT 5** A HELPING HAND — p. 52-63 | Listening | Listen to talks about different social issues | Words related to social issues | Debate an important issue |
| | Speaking | Talk about important social issues | Words related to health | |
| | Reading | Read about a social issue and a potential solution | Words related to crime and punishment | |
| | Writing | Summarize two different opinions | Words related to poverty | |
| | Project | Prepare a model election debate | Words related to debates | |
| **UNIT 6** WHAT COULD HAVE BEEN DIFFERENT? — p. 64-75 | Reading | Read about events that could have been avoided | Words related to disasters | Talk about hypothetical situations |
| | Listening | Listen to people talk about things they could have done differently | Words related to opportunities | |
| | Speaking | Talk about how you could have done things differently | Words related to wishes and hypothetical situations | |
| | Writing | Write about something you wish you had done differently | Words related to the future | |
| | Project | Create an alternative timeline | Words related to life lessons | |

$$2O_2 \rightarrow CO_2 + 2H_2O$$

$$S^3\left(\frac{1}{a} + \frac{1}{a}\right)$$

$$+ y^2) + \sin x - \cos$$

UNIT
1

# IN THE FUTURE

Scan for Audio

**WHAT YOU WILL DO IN THIS UNIT**

**A** **Reading**  Learn about important inventions

**B** **Listening**  Understand job descriptions of people in the tech industry

**C** **Speaking**  Make predictions about the future

**D** **Writing**  Write about new and changing technology
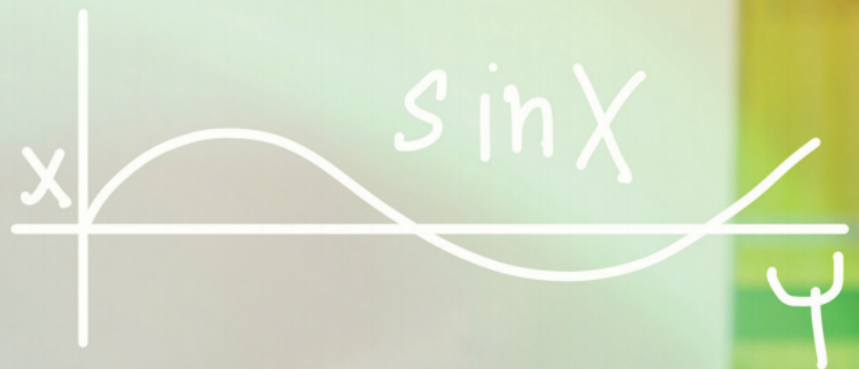
**E** **Project**  Design an application

$$(x+y) = \left(\frac{x}{2}\right)$$
$$= m2 \quad 1+1^2 = ? (x+y^2) + \sin x - Co_1$$
$$\infty = x^2 - z^1$$
$$\frac{MX}{2} = ?$$

$$\sin X + \cos X = ?$$

$$\sin X$$

$$1x - 2y = (1a + 2a)^2 = \infty$$
$$(x2 - 1Y)(1 + 2 - x)^1 = ?$$

**ICE BREAKERS**

**Look at the photo and answer the questions.**

1. What do you see in the picture?
2. What do you think the boy is doing?
3. What kind of technology does your school use?
4. What kind of technology are you most interested in?

## Vocabulary

**①** **Listen and number.** 🎧 1-01

data

invention

technology

research

device

machine

rare

create

**NOTE**

The simple present tense is used to talk about things happening right now, habits, and routines. It is also used to describe general truths and facts. When the subject is in third person singular form, *-s* is added to the main verb.

*Ex.* *The smartphone is one of the most useful inventions of the 21st century.*

**②** **Listen and fill in the blanks.** 🎧 1-02

1. That's because my dad loves _____. He always buys the newest stuff, like tablets and drones. His favorite _____ is a robot that cleans the floor. He plays with it by feeding it popcorn.

2. My mom does a lot of _____ for her company. She collects _____ on people using the internet. She takes the information and uses it to _____ advertisements.

3. My brother wants to be a scientist in the future. He is always working on different _____.

4. It was a light-green color when I found it. Later in the evening, it had turned a dark red. I was surprised. I asked my teacher, and she said it was a _____ stone called Alexandrite.

## Pre-reading

**③** **Think about something you use every day. Then answer the questions in the simple present tense.**

| | |
|---|---|
| What is it? | |
| How often do you use it? | |
| What do you like about it? | |
| What do you not like about it? | |
| What is an interesting fact about it? | |

# TECHNOLOGY
## Past, Present, and Future

**A** Books used to be hard to find and very expensive. They were expensive because every book was written by hand. This also made it hard for people to share information. Around 1439, Johannes Gutenberg invented the printing press. It used raised letters that could be moved around in a machine to make words. Then he put ink on the letters and pressed paper on it to copy the words. This allowed Gutenberg to create hundreds of pages of text in minutes. His invention made books easier to make and cheaper.

**B** The smartphone is one of the most useful inventions of the 21st century. In 2018, 77 percent of all adults in the US owned a smartphone. Research also found that 36 percent of the world's population owned a smartphone. This might be because smartphones have so many uses. People use them to play games, work, take pictures, record videos, share ideas and experiences, etc. Yet, there are some people who think smartphones are harmful. These people believe that always being connected makes people less happy. Also, many online platforms offer to store photos online. However, some people believe this can expose people to potential risks, such as hacking or identity theft.

**C** One technology that will change the world is artificial intelligence (AI). The most common form of AI right now is machine learning. Machine learning is a system that computers use to learn and predict results. You can find this kind of AI in chatbots, self-driving cars, and on your smartphone. Scientists research for further development all the time. Using data, scientists are trying to create real artificial intelligence or true AI. They want to create a machine that can think like a person.

**NOTE**
Use *will* and *going to* to talk about the future. *Will* is used with recent decisions, promises, and predictions, and *going to* is used with planned events and to express one's intentions. *Won't* is a contraction of the phrase *will not*. It is used to indicate something is not going to happen.

**Ex.** *AI will change the world. I'm going to study AI technologies. I won't fail.*

# Comprehension

⑤ **Circle true or false.**

| | | |
|---|---|---|
| 1. Gutenberg's books were expensive. | true | false |
| 2. More people could read after Gutenberg invented the printing press. | true | false |
| 3. About 77 percent of the world's population had a smartphone in 2018. | true | false |
| 4. People use their smartphones for more than just communication. | true | false |
| 5. Most AI right now uses machine-learning systems. | true | false |

⑥ **Match the statements to the correct paragraphs.**

1. *AlphaGo* is a computer program that beat top players of *Go* in 2017.  A  B  C
2. Other devices like the tablet and smartwatch are becoming more popular.  A  B  C
3. The first book made with the press was a Latin language Bible.  A  B  C

# Wrap Up

⑦ **Talk with a partner.**

1. Which invention do you think is the most important? Why?
2. What do you use your smartphone for most?
3. What do you think AI will be able to do in the future?

## Vocabulary

**①** Listen and number. 🔘 1-04



○ digital



○ screen



○ application



○ automatic



○ upload



○ decision



○ download



○ process

**②** Listen and answer the questions with the best vocabulary words. 🔘 1-05

1. What word is being described?
   _____

2. What word is being described?
   _____

3. What word is being described?
   _____

4. What word is being described?
   _____

5. What word is being described?
   _____

**NOTE**
Words like *maybe*, *perhaps*, and *probably* show how sure the speaker is about something.

## Focus

**③** Talk with a partner.

> What do you think smartphones will be like in the future?

> I think smartphones will probably get thinner and faster.

> What do you think will change about computers in the future?

> Perhaps computers will become more powerful and smaller.

**④** Listen and circle the answers. 🔘 1-06



Holly thinks there will be _____ screens.
a. more
b. better
c. fewer

**1. Holly**



Benjamin thinks school will be _____.
a. shorter
b. longer
c. better

**2. Benjamin**



Melody thinks it will be _____ to make decisions.
a. faster
b. easier
c. harder

**3. Melody**