



## Review

- 1) テキスト p.12 の Passage の第 1 段落を 45 秒以内で黙読しなさい。
- 2) テキスト p.15 のチャートを見ながら、第 1 段落の大意を述べなさい。
- 3) テキスト p.15 の Key Words and Key Phrases だけを見ながら、第 1 段落の大意を述べなさい。



## 1 Read the Second Paragraph

- 1) Passage の第 2 段落を 1 分以内で黙読しなさい。
- 2) 分かったことを、本文を見ずに日本語で述べましょう。

Faced with the consumption demands of an exponentially growing global population, 20th century agriculture turned to science. The use of chemical fertilizers and pesticides ensured high yields. Without such intervention, say proponents of conventional farming, food shortages would not have been limited to the continent of Africa—by mid-century they would have been global in proportion. Thomas Malthus's prediction in the 18th century that population growth would outstrip the growth of food supply was nixed thanks to science. And though the number of humans has exceeded the environment's normal carrying capacity, scientific methods have given the human race an extended lease on life.

次のページ以降で、分かりにくかった語彙・文構造などを学習して、この段落の理解を深めていきましょう。



## 2 Words and Phrases

- 1) 本文を読んで、以下の語彙リストの日本語に相当する英語を本文から書き出しなさい。
- 2) リスト以外に覚えたい語彙が本文の中にあれば、その英語と日本語訳も書きましょう。

1	消費需要	
2	急激に	
3	殺虫剤、農薬	
4	支持者	
5	比例して	
6	～をしのぐ	
7	否認する	
8	環境収容能力	

→ 英語はテキスト p.11 の 7~14

- 3) 語彙リストの英語表現を、最低 3 回は音読しましょう。
- 4) 語彙リストの日本語だけを見て、英語を言いましょう。よどみなく言えるまで、練習しましょう。



## 3 Read Aloud

CD を聞きながら、本文を音読しなさい。

CD1 04

## 4 Targeted Approach to Enhanced Comprehension

Sentence 1~5と同じ意味になるように、空欄を埋めて英文を完成しなさい。

### Sentence 1, 2

Faced with the consumption demands of an exponentially growing global population, 20th century agriculture turned to science. The use of chemical fertilizers and pesticides ensured high yields.

- ① In the 20th century, \_\_\_\_\_ faced with growing demands as global population \_\_\_\_\_ rapidly.
- ② Because chemical fertilizers and pesticides ensured high yields, agriculture started to rely \_\_\_\_\_.

### Sentence 3

Without such intervention, say proponents of conventional farming, food shortages would not have been limited to the continent of Africa—by mid-century they would have been global in proportion.

- ① \_\_\_\_\_ say that if \_\_\_\_\_ to science, food shortages would not have been limited to the continent of Africa.
- ② Food shortages \_\_\_\_\_ spread to many areas in the world in proportion to the \_\_\_\_\_ increase in each area.

### Sentence 4

Thomas Malthus's prediction in the 18th century that population growth would outstrip the growth of food supply was nixed thanks to science.

- In the 18th century, Malthus \_\_\_\_\_ exceed the growth of the food supply. But \_\_\_\_\_ intervened in agriculture, we could say his prediction \_\_\_\_\_.

### Sentence 5

And though the number of humans has exceeded the environment's normal carrying capacity, scientific methods have given the human race an extended lease on life.

- Now there are \_\_\_\_\_ people living on the earth than \_\_\_\_\_ can support without artificial aid. However, \_\_\_\_\_ has helped us to produce

\_\_\_\_\_ for most of us and we are living without \_\_\_\_\_.

→ 解答例はスタディガイド p.5

## 5 Reproduction

- 1) チャートを作りましょう。  
第2段落の内容を、下のキーワードを参考にしてチャート化しなさい。

### Key Words and Key Phrases

consumption demands      growing global population      agriculture

science      chemical fertilizers and pesticides      food shortages

global      Thomas Malthus      extended lease on life

チャート化  
しよう

- 2) 出来上がったチャートを参考に、内容を語り直しなさい。

→ チャートと語り直しの例はスタディガイド p.5, 6