教師用指導書❸：Teacher's Book 紙面見本

教科書の紙面に解答例，スクリプト，音声CDのトラック，語句や文法の行間解説などを掲載しました。章・パートの導入英文は指導用パワーポイントと連動しています。

2-1
CHAPTER 2 The Power of Design

EXPLANATION

Chapter Introduction ① This photo showe one display in the exhibition "Airship Orchestra" at the Ballon Museum in Italy, where various types of balloon art are featured. What do you think these artworks represent?

Chapter Introduction ② （教科書 p.29の Pictogram を見せて）Do you have any ideas about what these pictograms tell you? What are the advantages of using pictograms? (S: We can understand without words.) Right. All of you have probably heard of universal design. What is it? (S: It's the design of not only products but also of buildings, environments, or information that anyone can understand and use, regardless of age, gender, or level of ability. Let's find example is of universal design.

You are visiting a museum to see an exhibition called "The Power of Design." A staff member will take you on a guided tour through the different sections of the exhibition.

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章の導入

扉や紙面の写真を使った導入案を提示。指導用データDVD-ROMに収録の指導用パワーポイントと連動しています。

1 **Oral Introduction** Today, we're going to go to the museum and see the Power of Design exhibition. Ms. Nancy Wilson is our guide. Before the tour, let's think about the question she will ask: "What comes to mind when you hear the word 'design'?" Do you have any ideas? Okay, now, let's go to the museum and listen to her.

Normal 2-3 Fast 2-4
Good morning, everyone! // Welcome to our museum / and to our Power of Design exhibition. // I'm Nancy Wilson / and I'll be your guide today. // To start off, / what comes to mind / when you hear the word "design"? // Fashion design? // Car design? // Graphic design? // In fact, / almost everything around us / is deeply connected to design. // Here you'll learn about various types of design, / how design is related to function, / and the social impact of designs.

andによる並列 始める 思い浮かぶ 時を表す接続詞 実は 名詞の働きをする意味のまとまり （この文の主語） …に関係のある

Normal 2-4 Fast 2-7
Generally speaking, / design is defined / as a combination of / shape, pattern, and color. // Good design can make products / appear more attractive; / it can make things easier to use; / and it can even affect / people's behavior and mood.

一般的に言えば 使役動詞＋O＋do（Oに…させる） 列挙を表すセミコロン

Normal 2-5 Fast 2-8
Look at these umbrellas. // Some are long, / others are short, / and yet others have different handles. // Umbrellas are a familiar item, / but they come in / a wide variety of shapes, patterns, and colors.

相手の注意を引く命令文 Some ..., others ～「…もあれば～もある」 さらに …で出回っている いろいろな

Picture Quiz
Are there any umbrellas with the same design?
— No, there aren't.
Are there any folding umbrellas in the picture?
— Yes, there are.

2-2
p.24
- exhibition /èksəbíʃ(ə)n/
- section /sékʃ(ə)n/

p.25
- Nancy Wilson /nǽnsi wílsn/
- graphic /gǽfɪk/
- connect /kənékt/
- various /vɛ́(ə)riəs/
- relate /rɪléɪt/
- function /fʌ́ŋ(k)ʃ(ə)n/
- impact (*n.*) /ímpækt/
- *start off*
- *come to mind*
- *in fact*
- *be related to ...*
- generally /dʒén(ə)r(ə)li/
- define /dɪfáɪn/
- combination /kɑ̀:mbənéɪʃ(ə)n/
- pattern /pǽtərn/
- attractive /ətrǽktɪv/
- *generally speaking*
- variety /vəráɪəti/
- *come in ...*
- *a variety of ...*

2-9 **Comprehension Check**
1. What will you learn about at this exhibition?
2. What makes some products more attractive?
3. How is design defined?

Ans.
1. We will learn about various types of design, how design is related to function, and the social impact of designs.
2. Good design (does).
3. It's defined as a combination of shape, pattern, and color.

2-10 THINK PAIR SHARE Choose something you use every day and explain why y
Ans. Here is my ballpoint pen. It is silver and looks very elega
easy to write with.

パートの導入

各パートの導入に使うオーラルイントロダクション例を提示しています。

行間解説

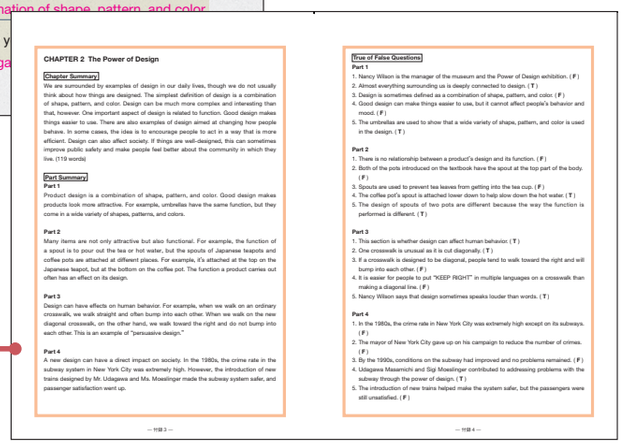
文法などの注記とイディオムの意味を掲載。新語は青で示しました。

解答例など

解答例，音声CD番号，スラッシュ，Picture Quiz など，指導に役立つ解説を掲載しています。

巻末付録

巻末にチャプターサマリー，パートサマリー，TFクイズを掲載しています。



CHAPTER 2 The Power of Design

Chapter Summary
We are surrounded by examples of design in our daily lives, though we do not usually think about how things are designed. The simplest definition of design is a combination of shape, pattern, and color. Design can be much more complex and interesting than that, however. One important aspect of design is related to function. Good design makes things easier to use. There are also examples of design aimed at changing how people behave. In some cases, the idea is to encourage people to act in a way that is more efficient. Design can also affect society. If things are well-designed, this can sometimes improve public safety and make people feel better about the community in which they live. [119 words]

Part Summary
Part 1
Product design is a combination of shape, pattern, and color. Good design makes products look more attractive. For example, umbrellas have the same function, but they come in a wide variety of shapes, patterns, and colors.

Part 2
Many items are not only attractive but also functional. For example, the function of a spout is to pour out the tea or hot water, but the spouts of Japanese teapots and coffee pots are attached at different places. For example, it's attached at the top on the Japanese teapot, but at the bottom on the coffee pot. The function a product carries out often has an effect on its design.

Part 3
Design can have effects on human behavior. For example, when we walk on an ordinary crosswalk, we walk straight and often bump into each other. When we walk on the new diagonal crosswalk, on the other hand, we walk toward the right and do not bump into each other. This is an example of "persuasive design."

Part 4
A new design can have a direct impact on society. In the 1980s, the crime rate in the subway system in New York City was extremely high. However, the introduction of new trains designed by Mr. Udagawa and Ms. Moeslinger made the subway system safer, and passenger satisfaction went up.

— 別冊 3 —

True of False Questions
Part 1
1. Nancy Wilson is the manager of the museum and the Power of Design exhibition. (F)
2. Almost everything surrounding us is deeply connected to design. (T)
3. Design is sometimes defined as a combination of shape, pattern, and color. (F)
4. Good design can make things easier to use, but it cannot affect people's behavior and mood. (F)
5. The umbrellas are used to show that a wide variety of shape, pattern, and color is used in the design. (T)

Part 2
1. There is no relationship between a product's design and its function. (F)
2. Both of the pots introduced on the textbook have the spout at the top part of the body. (F)
3. Spouts are used to prevent tea leaves from getting into the tea cup. (F)
4. The coffee pot's spout is attached lower down to help slow down the hot water. (T)
5. The design of spouts of two pots are different because the way the function is performed is different. (T)

Part 3
1. This section is whether design can affect human behavior. (T)
2. One crosswalk is unusual as it is cut diagonally. (T)
3. If a crosswalk is designed to be diagonal, people tend to walk toward the right and will bump into each other. (F)
4. It is easier for people to put "KEEP RIGHT" in multiple languages on a crosswalk than making a diagonal line. (F)
5. Nancy Wilson says that design sometimes speaks louder than words. (T)

Part 4
1. In the 1980s, the crime rate in New York City was extremely high except on its subways. (F)
2. The mayor of New York City gave up on his campaign to reduce the number of crimes. (F)
3. By the 1990s, conditions on the subway had improved and no problems remained. (F)
4. Udagawa Masamichi and Sigi Moeslinger contributed to addressing problems with the subway through the power of design. (T)
5. The introduction of new trains helped make the system safer, but the passengers were still unsatisfied. (F)

— 別冊 4 —