

# Design All Around Us

Name: \_\_\_\_\_

- 1 Adjectives are words that are used to describe. Underline the adjectives in the following sentences. The first one is done for you.
  - a Chrome-plated items are very shiny and beautiful.
  - b Designers like using plastics because they are strong.
  - c Plastic can be made in bright colours.
  - d A well-designed object will be safe and easy to use.
  - e Silicon chips are tiny electronic parts made of silicon, and used in computers.
  - f Before the silicon chip was invented, small radios and computers could not have been designed.
- 2 A designer needs to consider what a product will look like and how it will work. Consider the adjectives that describe the materials and products above. Sort the adjectives from question one into the grid below. The first one is done for you.

Aesthetics (looks good)	Function (works well)
<i>shiny</i>	

- 3 Use the book and your dictionary to fill in the gaps below.

Original word	Past tense	Present tense	A person who ...	Has this quality ...
design				—
	created			
		planning		—
				inventive
			developer	—
produce				

## Looking back and making connections

Select six different items from around the classroom. On the back of this page make a list of the features that the designer might have had to consider for each item. For example: gluestick top — seals tightly so that the glue won't dry out; has grooves so that it can be easily grasped; is brightly coloured so that it can be found when taken off; has a twist top to secure it.

Name: \_\_\_\_\_

1 There is usually a reason why products are designed a certain way. For example, there was a reason for adding doors to the sides of old-fashioned toasters. Re-read page 11 to work out which of the following sentence endings is best. Underline your choice.

- Doors were added to the sides of toasters because ...
  - they helped the toaster to work more quickly.
  - it was important to protect the user's hands from the heating element.
  - they made toasters look more attractive.

2 Complete the following sentences with the best possible sentence ending.

a Computer chairs need to be upright because ... \_\_\_\_\_

b Designers in the 1950s made some stove control panels look like those in cars because ... \_\_\_\_\_

c Hundreds of years ago houses had very simple designs because ... \_\_\_\_\_

d Energy-efficient houses are kinder to the environment because ... \_\_\_\_\_

3 Use the book to find an example of something designed during each of the following periods.

About 300 years ago	About 150 years ago	About 100 years ago
About 50 years ago	Recent times	Today

4 Hyphens are used to link two words that belong together, for example, 'right-handed' and 'chrome-plating'. Use the page numbers to help you match the correct words together.

Page 5	well	-	plan
Page 7	chrome	-	famous
Page 12	open	-	top
Page 14	energy	-	designed
Page 16	world	-	plated
Page 18	mass	-	efficient
Page 23	screw	-	produced

