

NATURAL SCIENCES

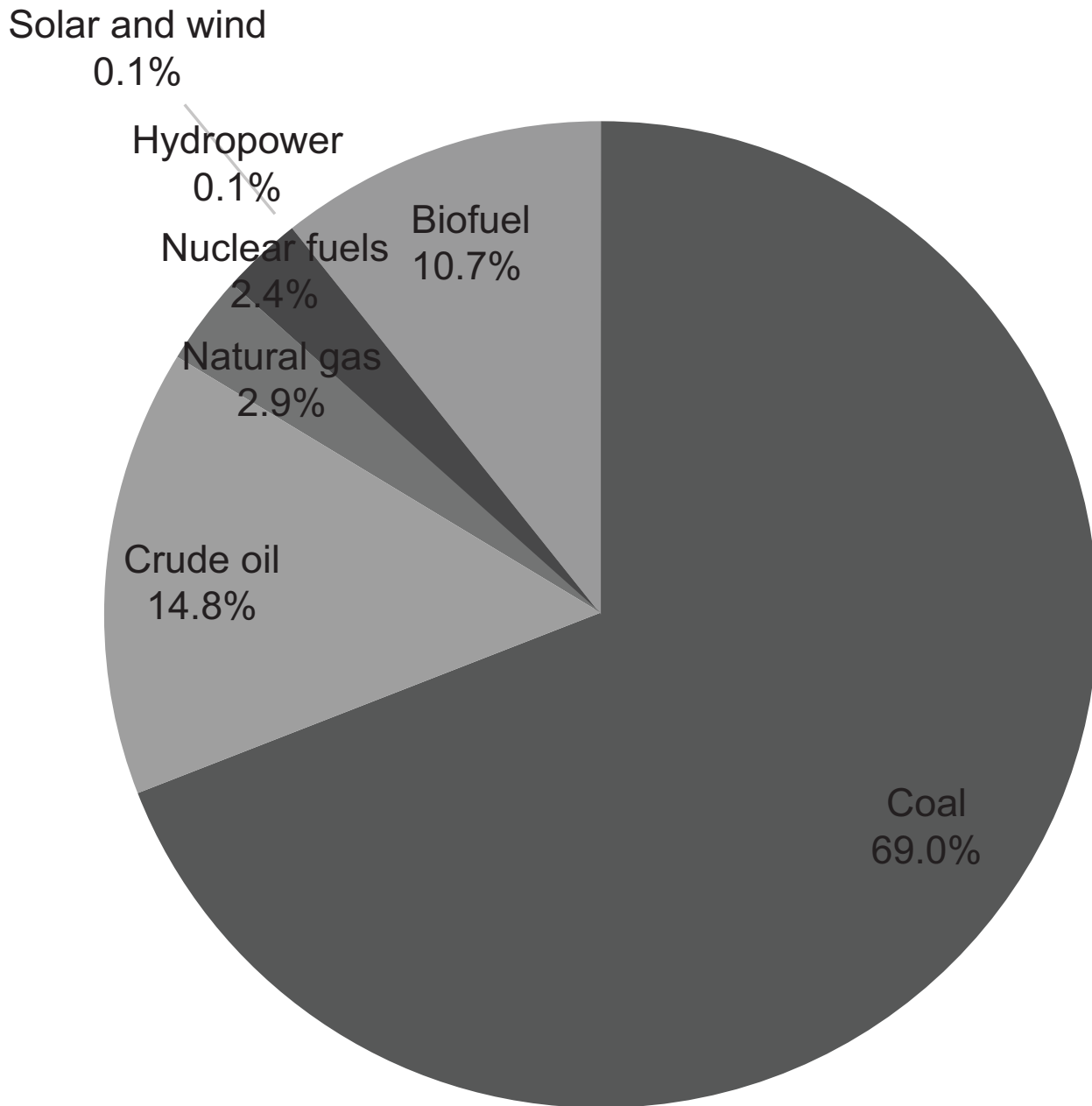
RESOURCE PACK
GRADE 7 TERM 3



RESOURCE 1

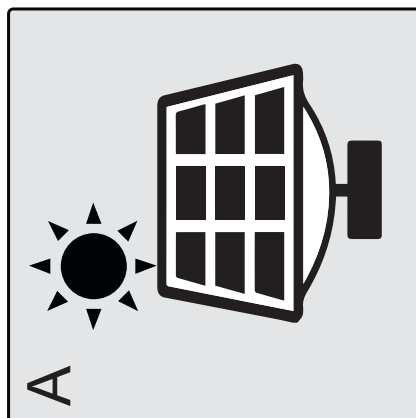
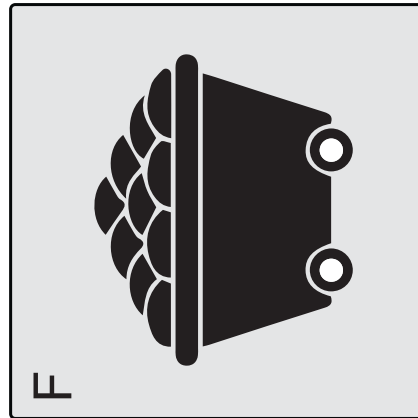
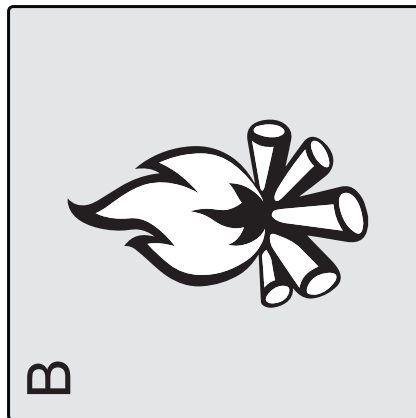
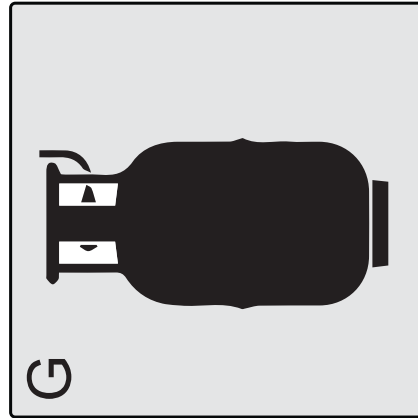
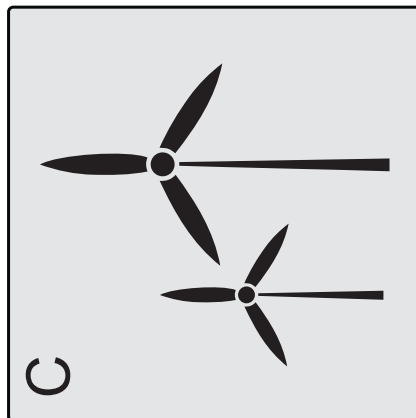
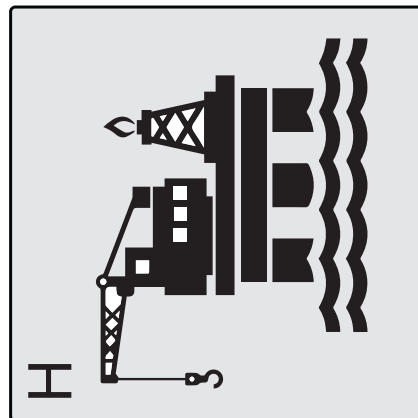
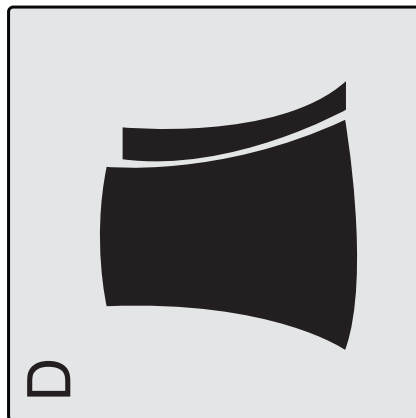
https://upload.wikimedia.org/wikipedia/commons/3/38/Total_Primary_Energy_Supply_in_South_Africa_2012_-_TPES.gif

ENERGY SOURCES IN SOUTH AFRICA [2012]



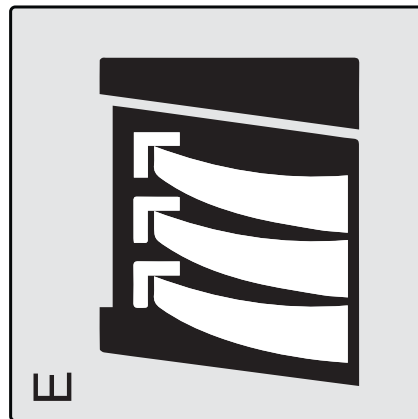
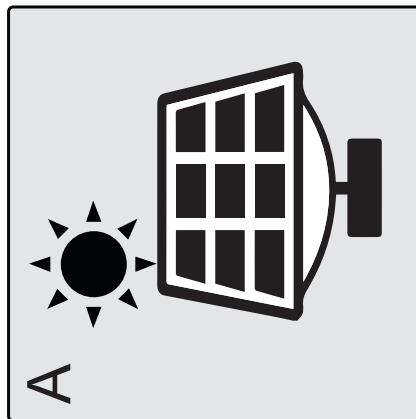
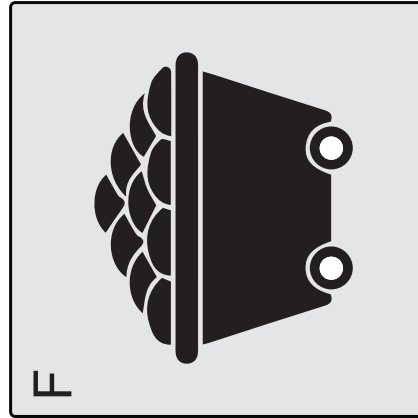
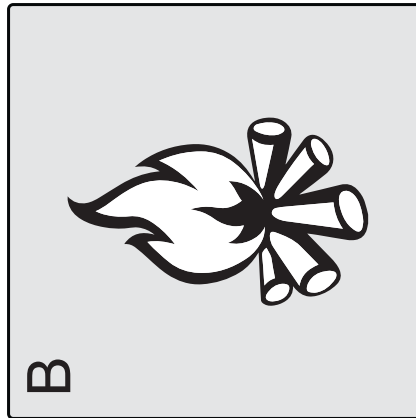
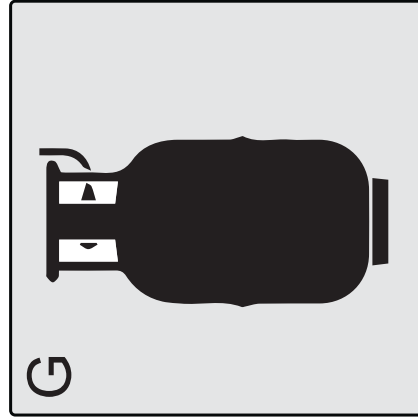
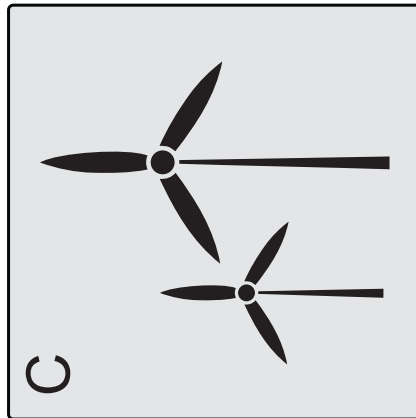
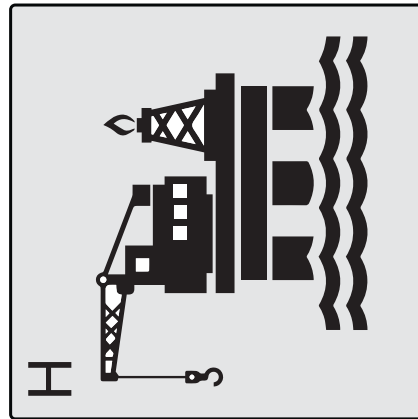
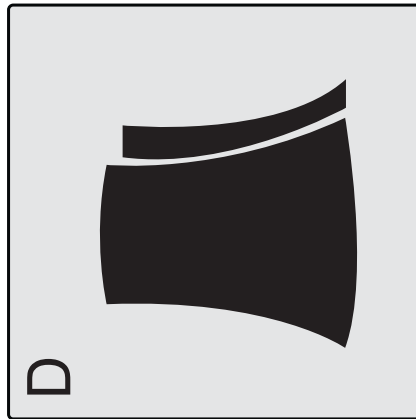
RESOURCE 2

IDENTIFYING ENERGY SOURCES



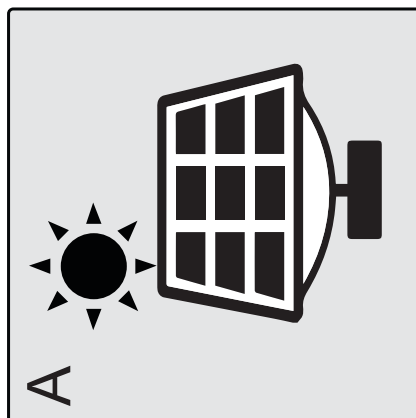
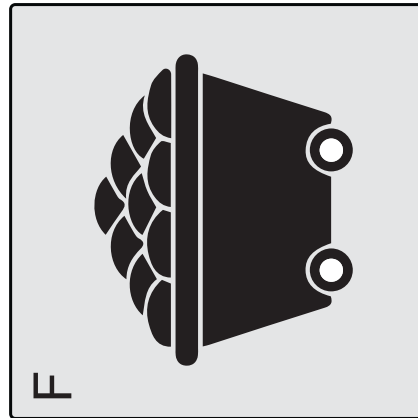
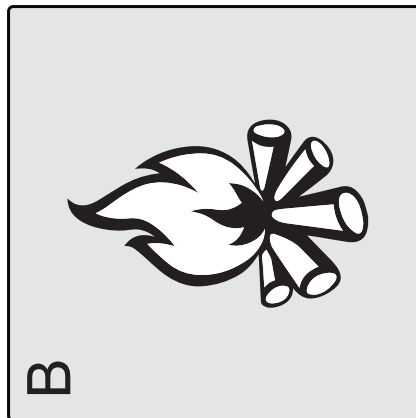
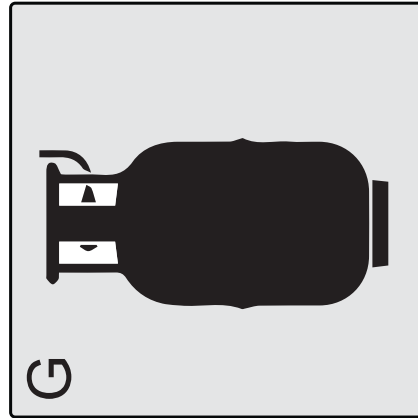
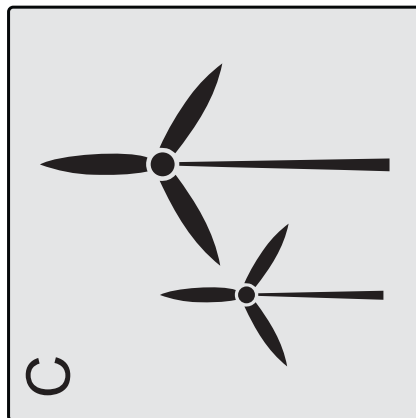
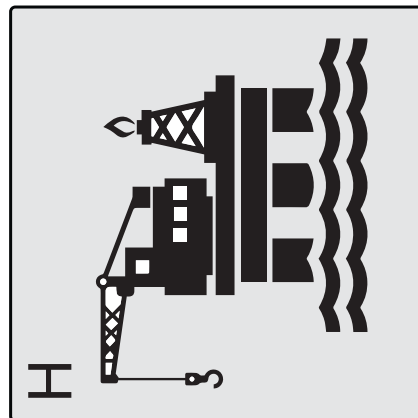
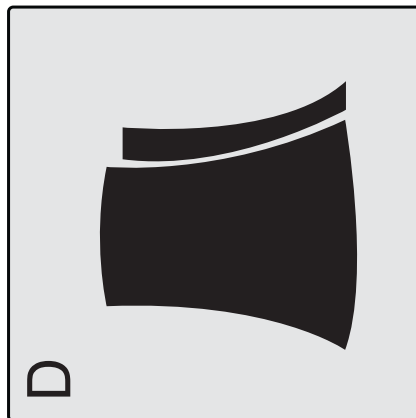
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IDENTIFYING ENERGY SOURCES



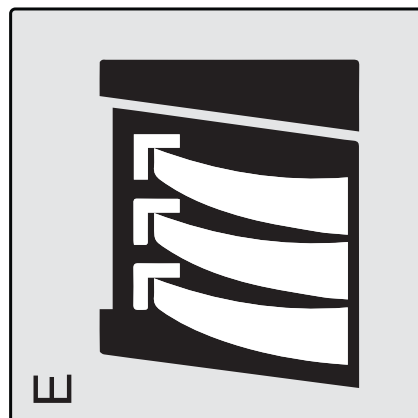
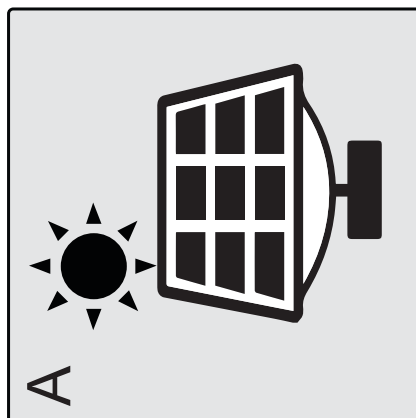
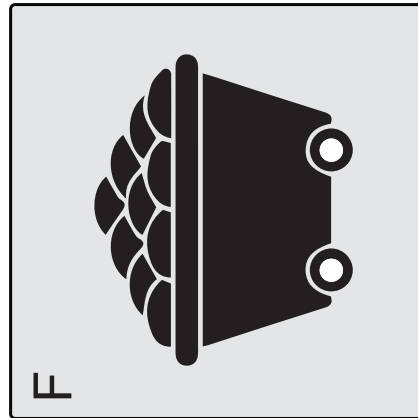
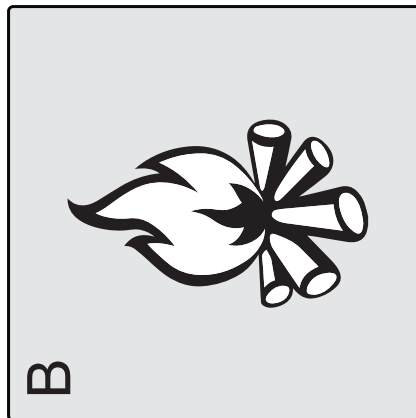
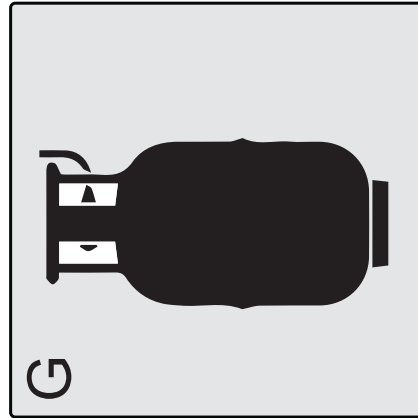
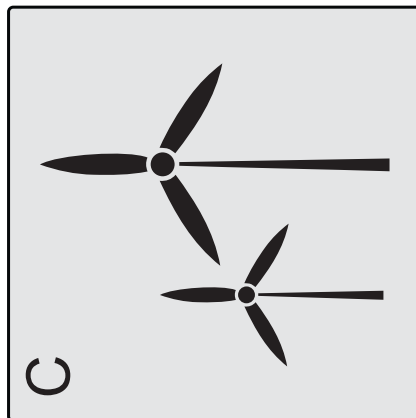
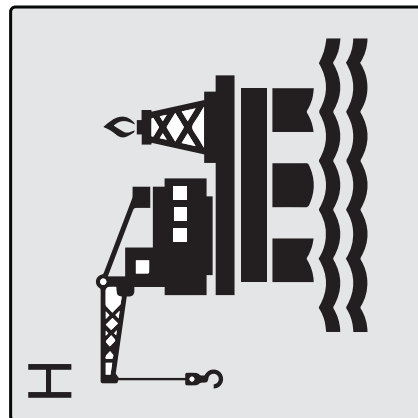
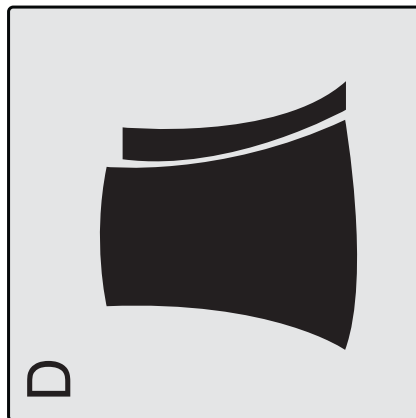
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IDENTIFYING ENERGY SOURCES



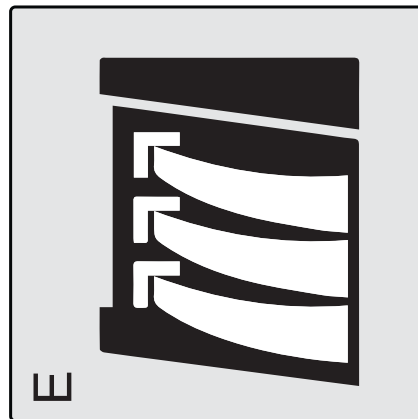
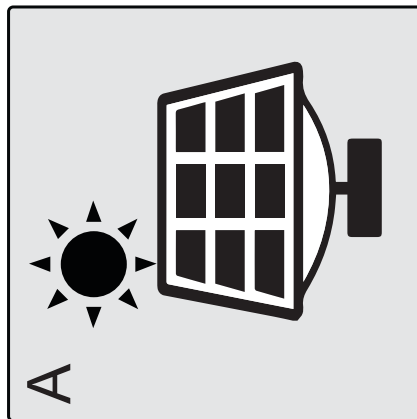
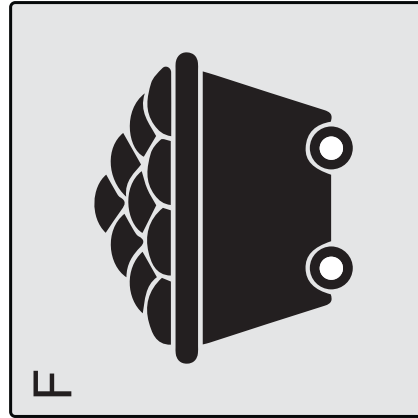
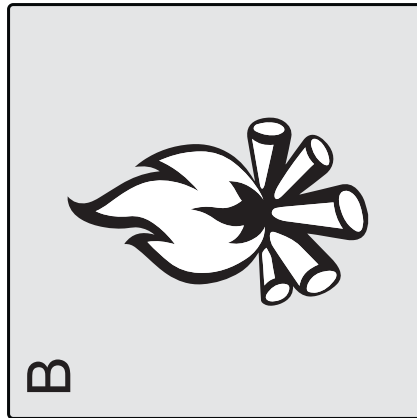
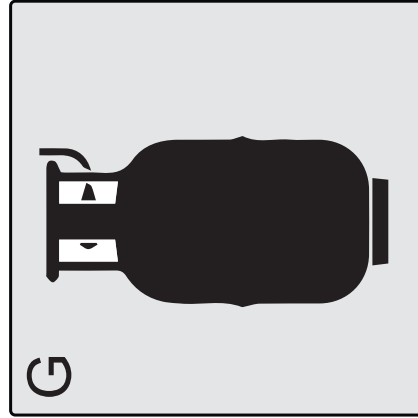
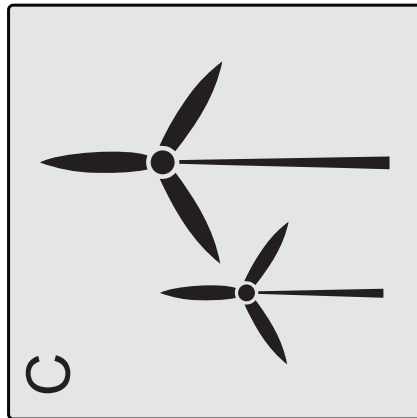
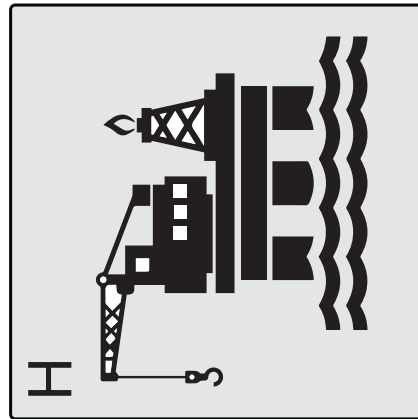
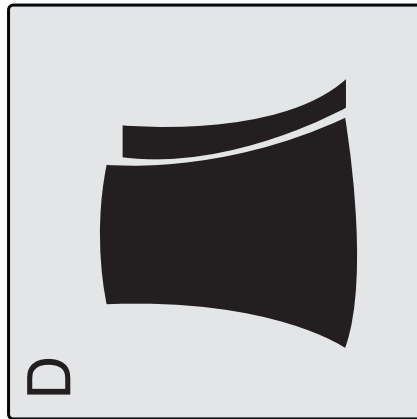
RESOURCE 2

IDENTIFYING ENERGY SOURCES



RESOURCE 2

IDENTIFYING ENERGY SOURCES



RESOURCE 3

andreashofmann7777/Shutterstock

Lana K/Shutterstock

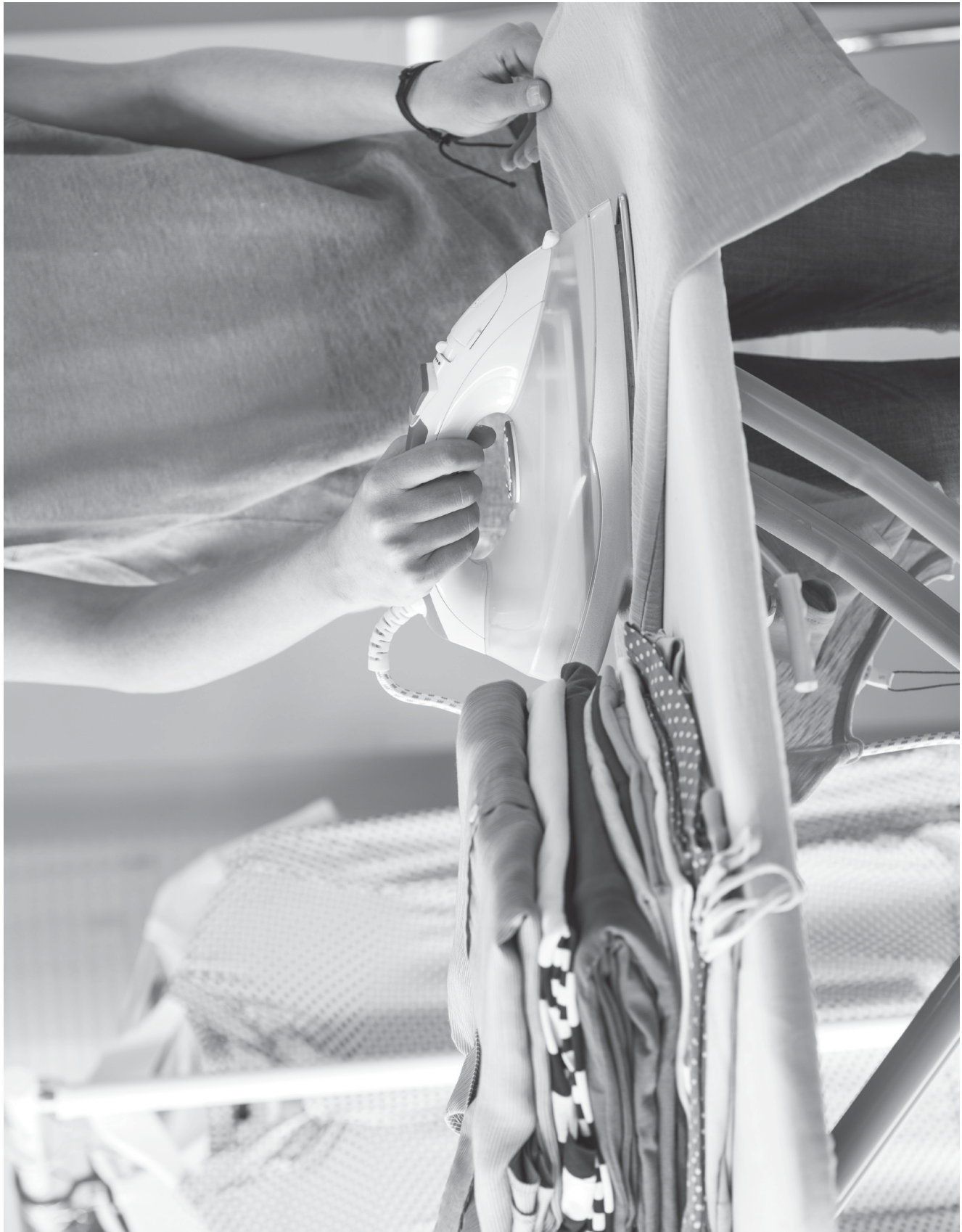
IDENTIFYING SYSTEMS



RESOURCE 4

sebra/Shutterstock

EXAMPLE OF HEAT TRANSFER - 1



RESOURCE 5

OlegDoroshin/Shutterstock

EXAMPLE OF HEAT TRANSFER - 2



RESOURCE 6

amenic181/Shutterstock

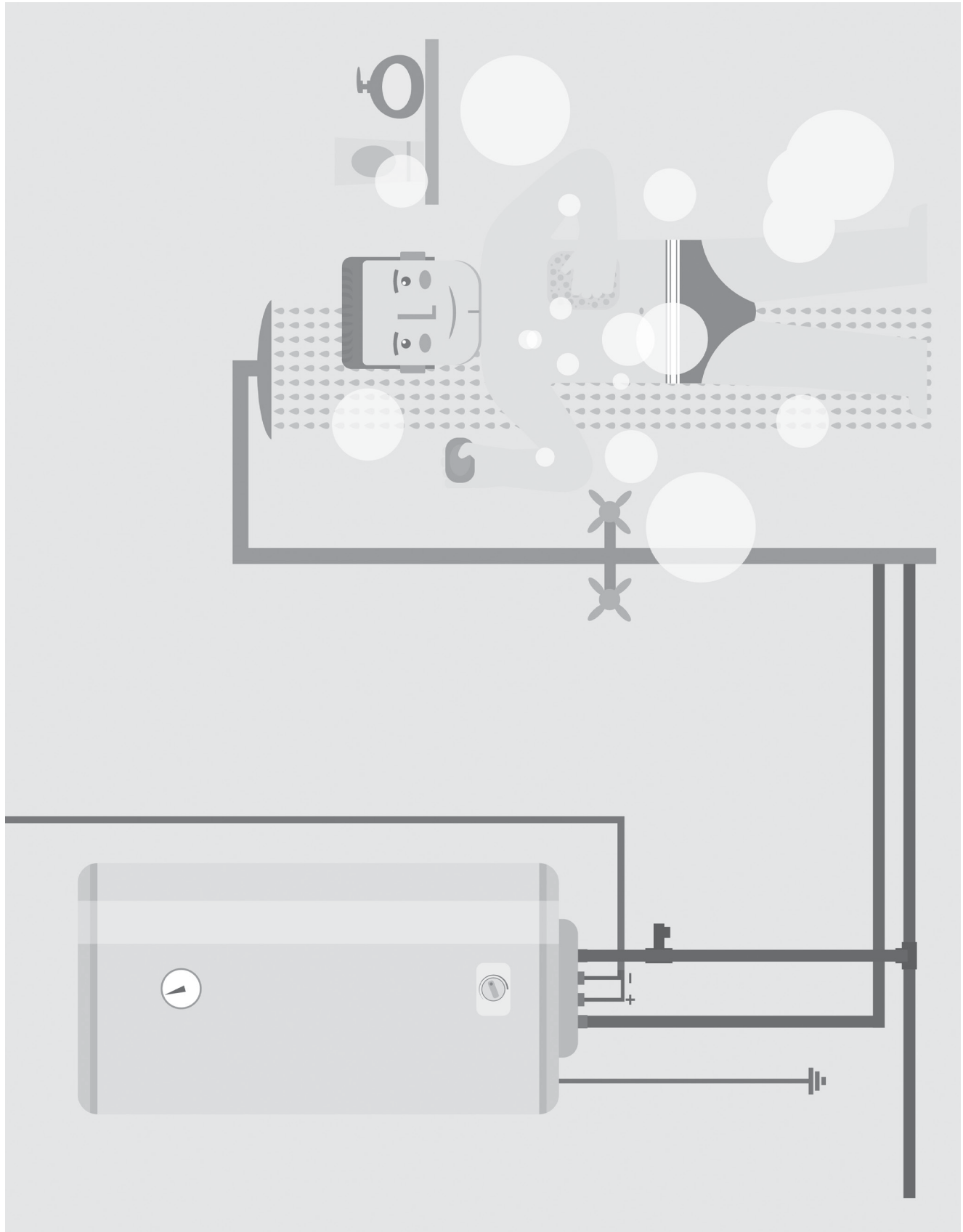
EXAMPLE OF HEAT TRANSFER - 3



RESOURCE 7

sivVector/Shutterstock

ELECTRIC GEYSER



RESOURCE 8

Alex Ghidan/Shutterstock
Magdalena/Shutterstock
azure1/Shutterstock

INSULATING OBJECTS



RESOURCE 9

Nerthuz/Shutterstock

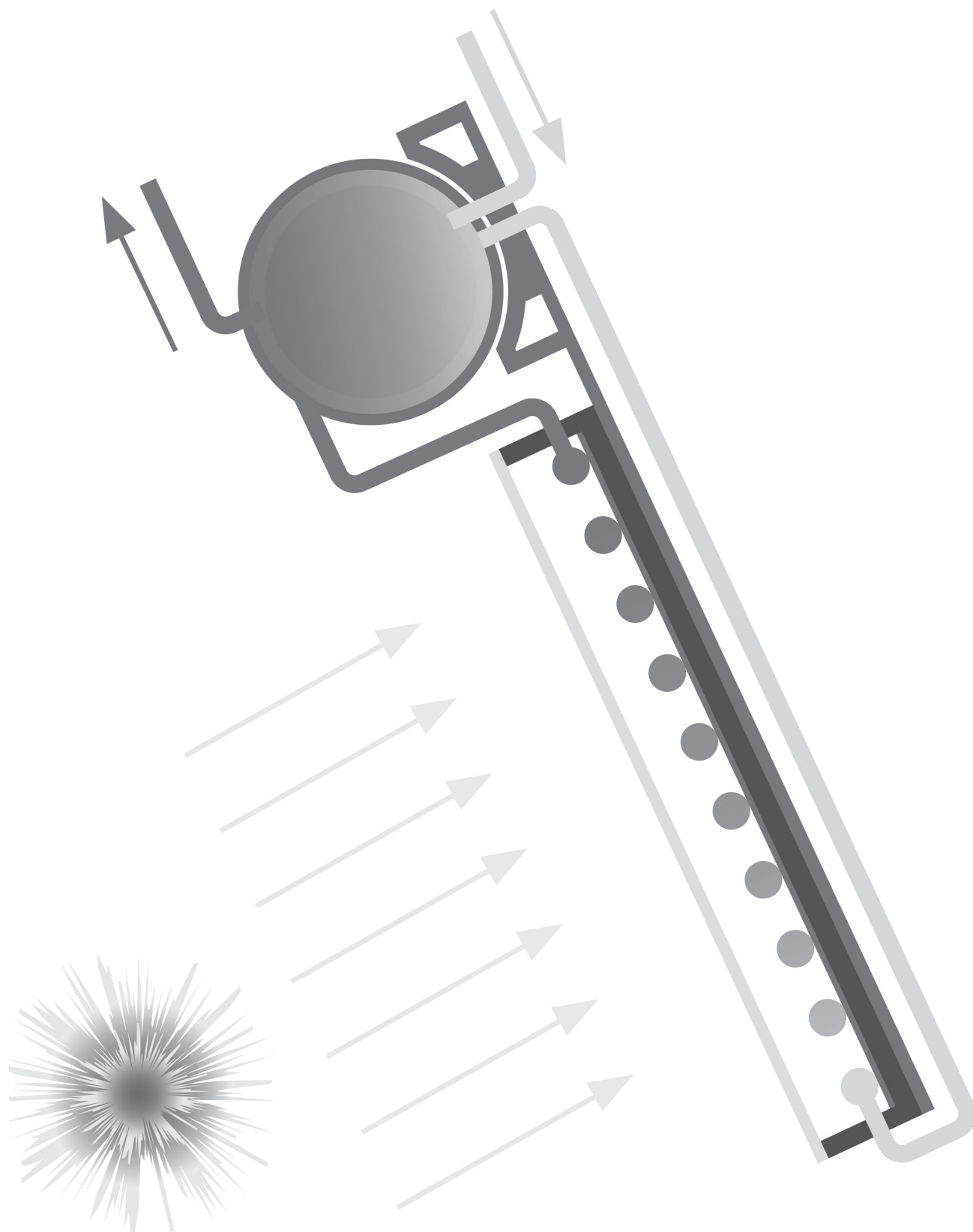
SOLAR WATER HEATER PHOTO



RESOURCE 10

Robert Paul/Shutterstock

SOLAR WATER HEATER DIAGRAM



RESOURCE 11

Olga_Ionina/Shutterstock

FOAM BOARDS FOR CEILING INSULATION



RESOURCE 12

Luke Schmidt/Shutterstock

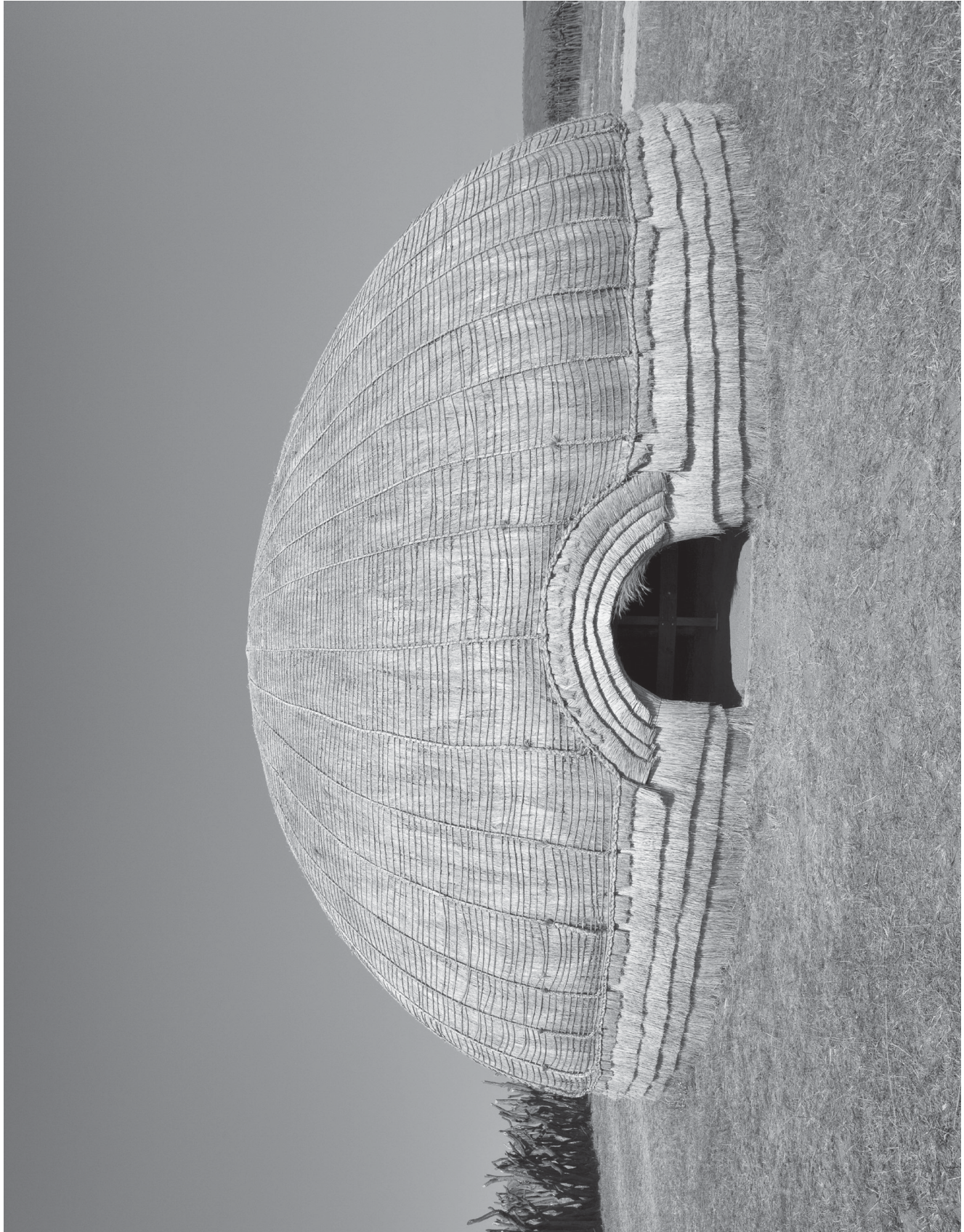
THATCHED ROOF FOR ROOF INSULATION



RESOURCE 13

Leon Marais/Shutterstock

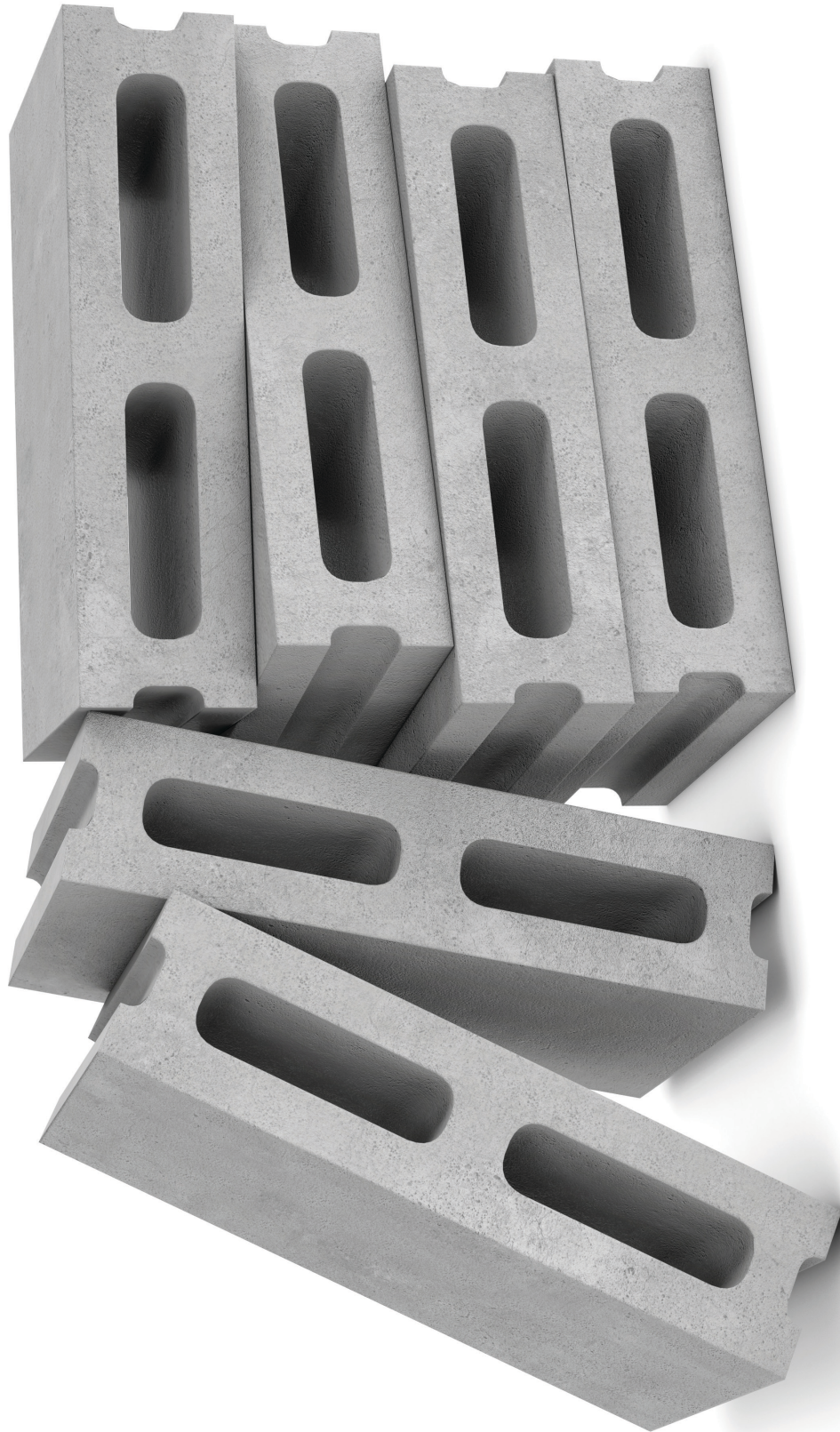
XHOSA BEEHIVE HUT



RESOURCE 14

Gearstd/Shutterstock

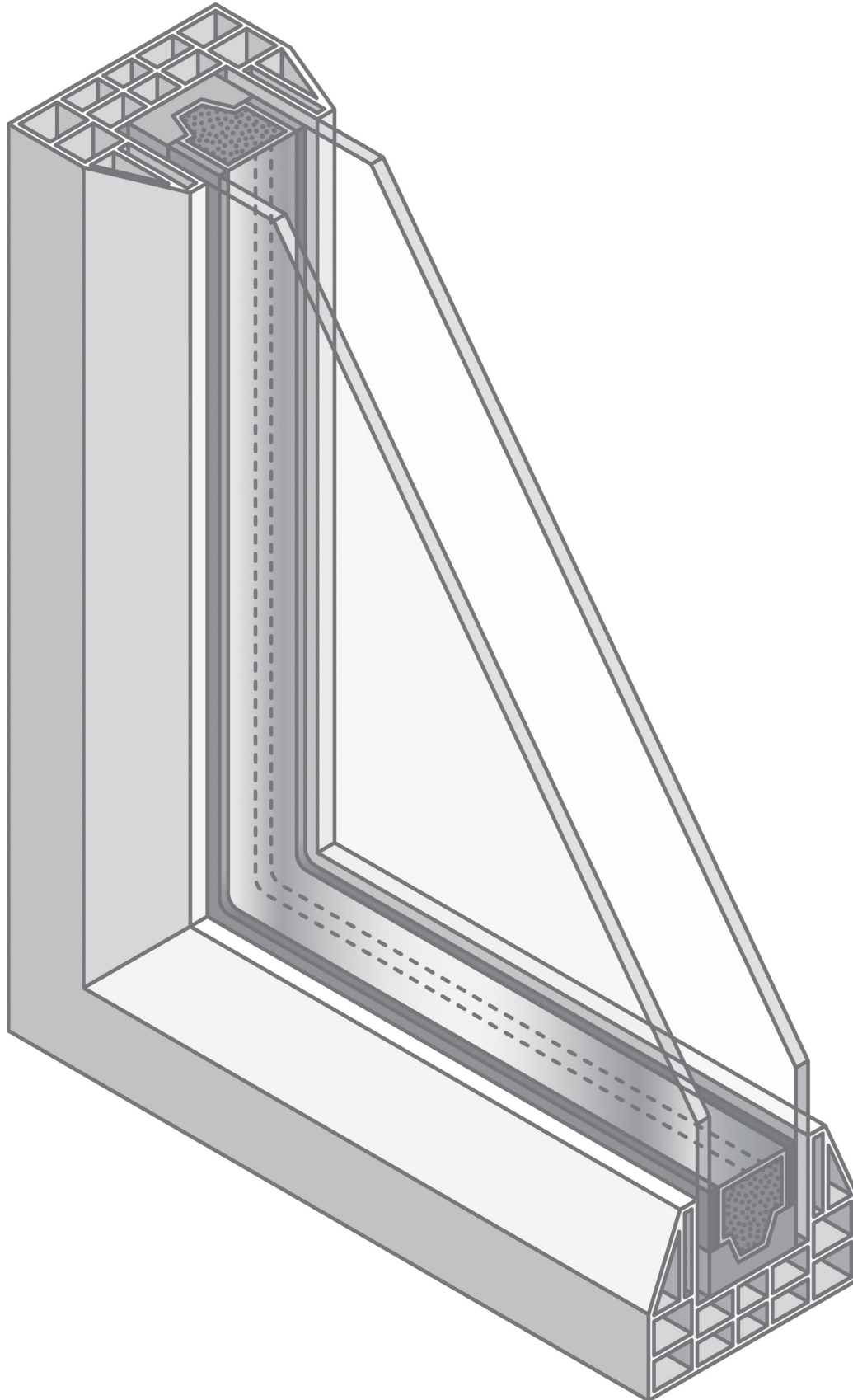
HOLLOW CEMENT BRICKS



RESOURCE 15

ZernLiew/Shutterstock

DOUBLE GLAZED WINDOWS



RESOURCE 16

yevgeniy11/Shutterstock

ELECTRIC DRILL



RESOURCE 17

Tatiana Popova/Shutterstock

ELECTRIC KETTLE



RESOURCE 18

Serg64/Shutterstock

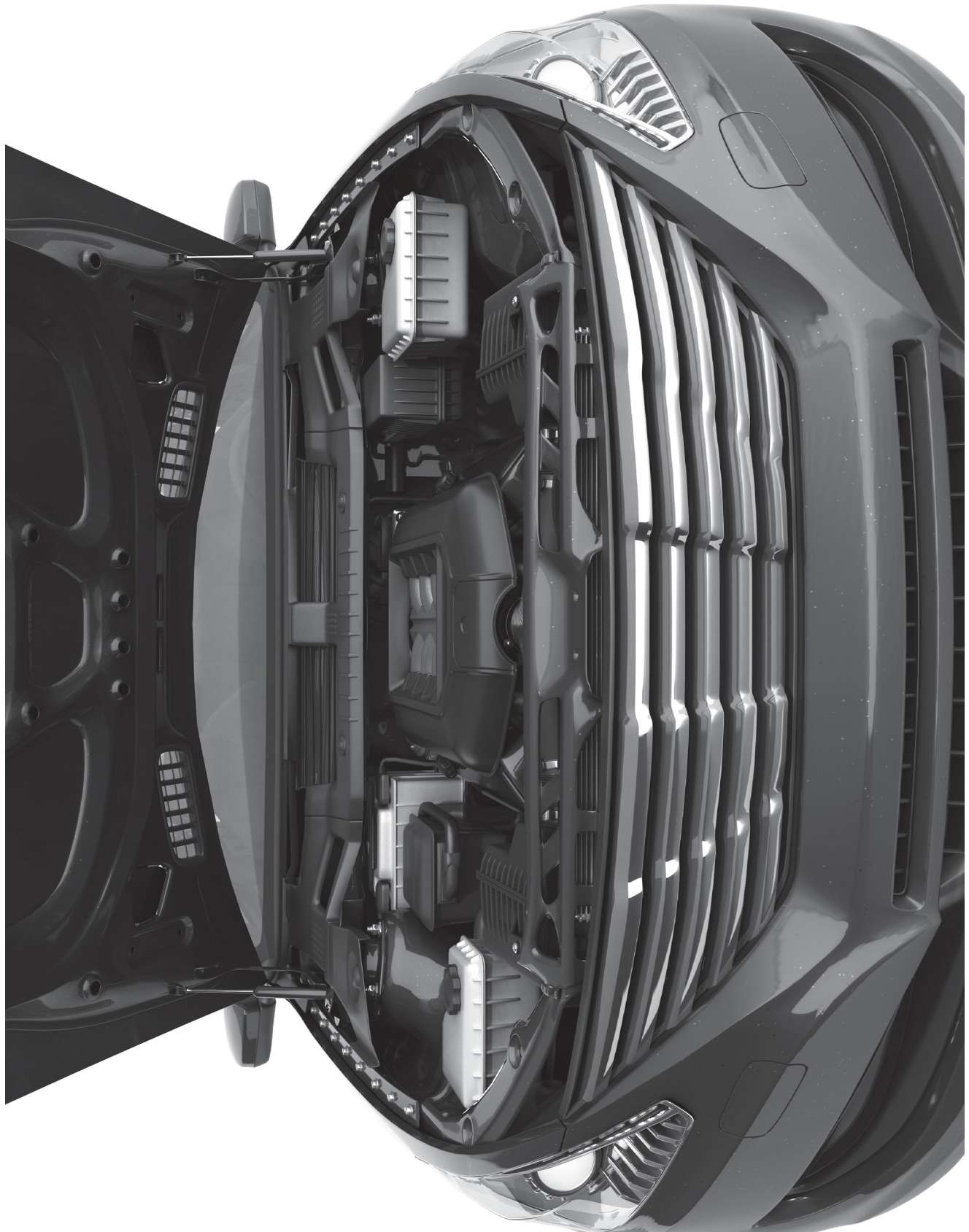
ELECTRIC FOOD MIXER



RESOURCE 19

NosorogUA/Shutterstock

CAR ENGINE

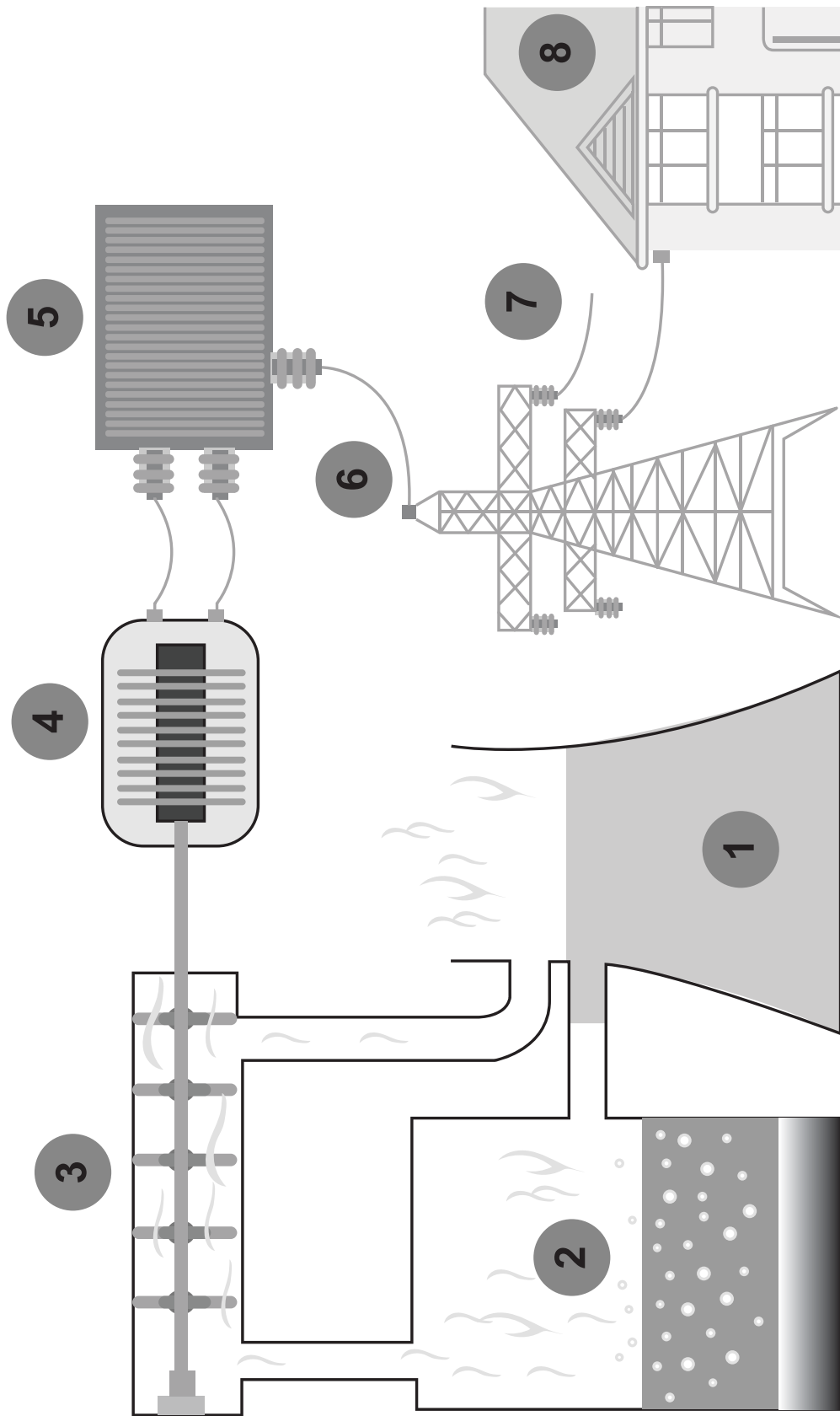


RESOURCE 20

gwycech/Shutterstock

PARAFFIN LAMP





RESOURCE 22

jayk67/Shutterstock

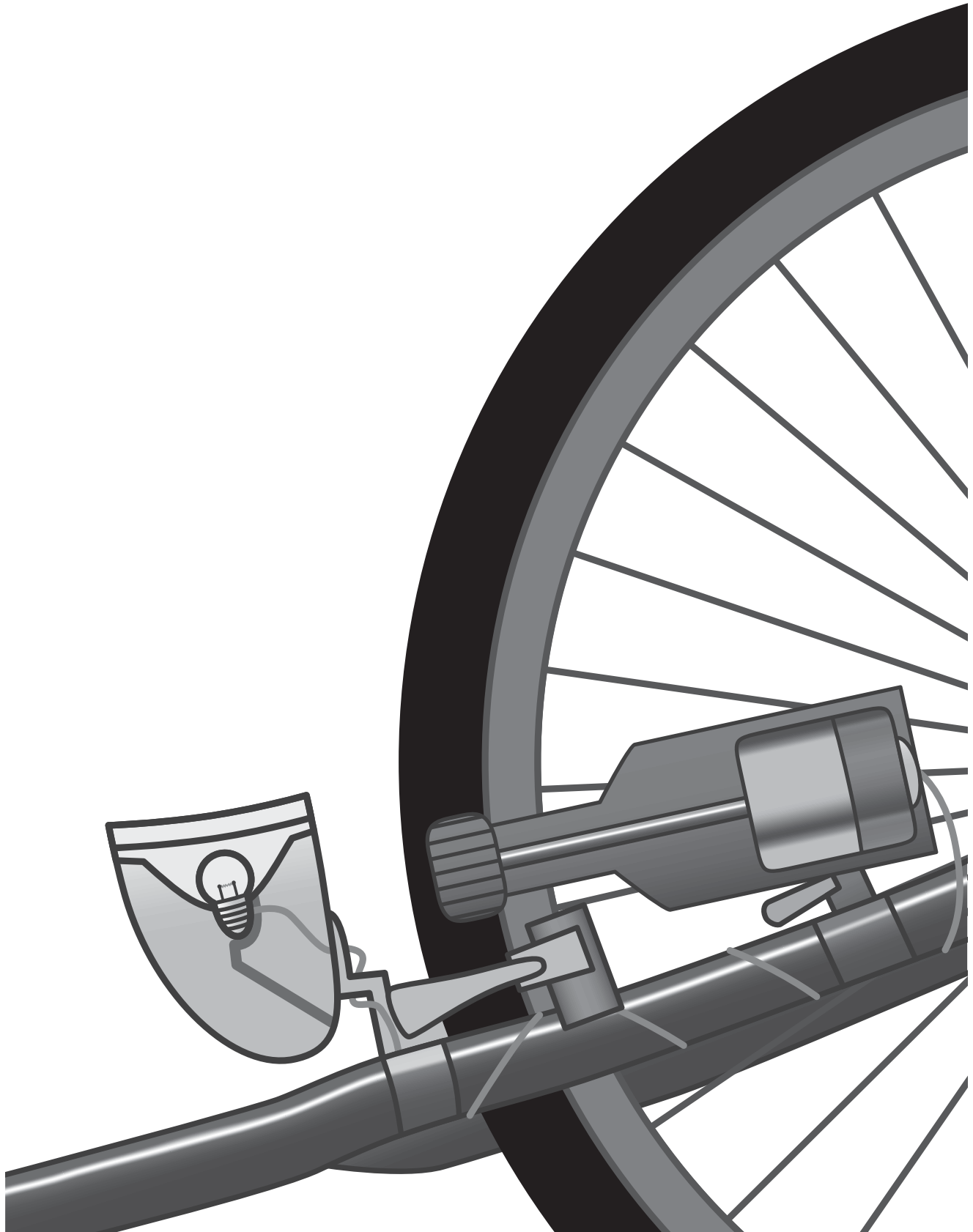
DYNAMO IN A WIND-UP TORCH



RESOURCE 23

Peteri/Shutterstock

DYNAMO IN A BICYCLE LIGHT



RESOURCE 24

Panacea Doll/Shutterstock

INCANDESCENT AND FLUORESCENT LIGHT BULBS

