

PART C: EXTENSION LEVEL

INTRODUCTION:

In our everyday lives, we are surrounded by a huge variety of products and items that are made for us across the globe. Have you ever wondered where these items come from, or what exactly they are made up of? And are they completely safe to have in your home?

Look at the three images provided and select **ONE IMAGE** to further explore. From listed items in the image, you will need to select **ANY TEN** items and determine what the item is made from. From that list, select **ONE** of the items that you explored and complete the **FURTHER ANALYSIS** page.

EXAMPLE

Here is an image of a list of items within a normal kitchen.



1. Radio
2. Toaster
3. Electrical Wiring
4. Microwave
5. Stove
6. Fridge
7. Table Salt
8. Plates
9. Cutlery
10. Clock
11. Stainless Steel Sink
12. Blackboard
13. Magnet
14. Dish Rack

For each item listed, explore what that item is made from.

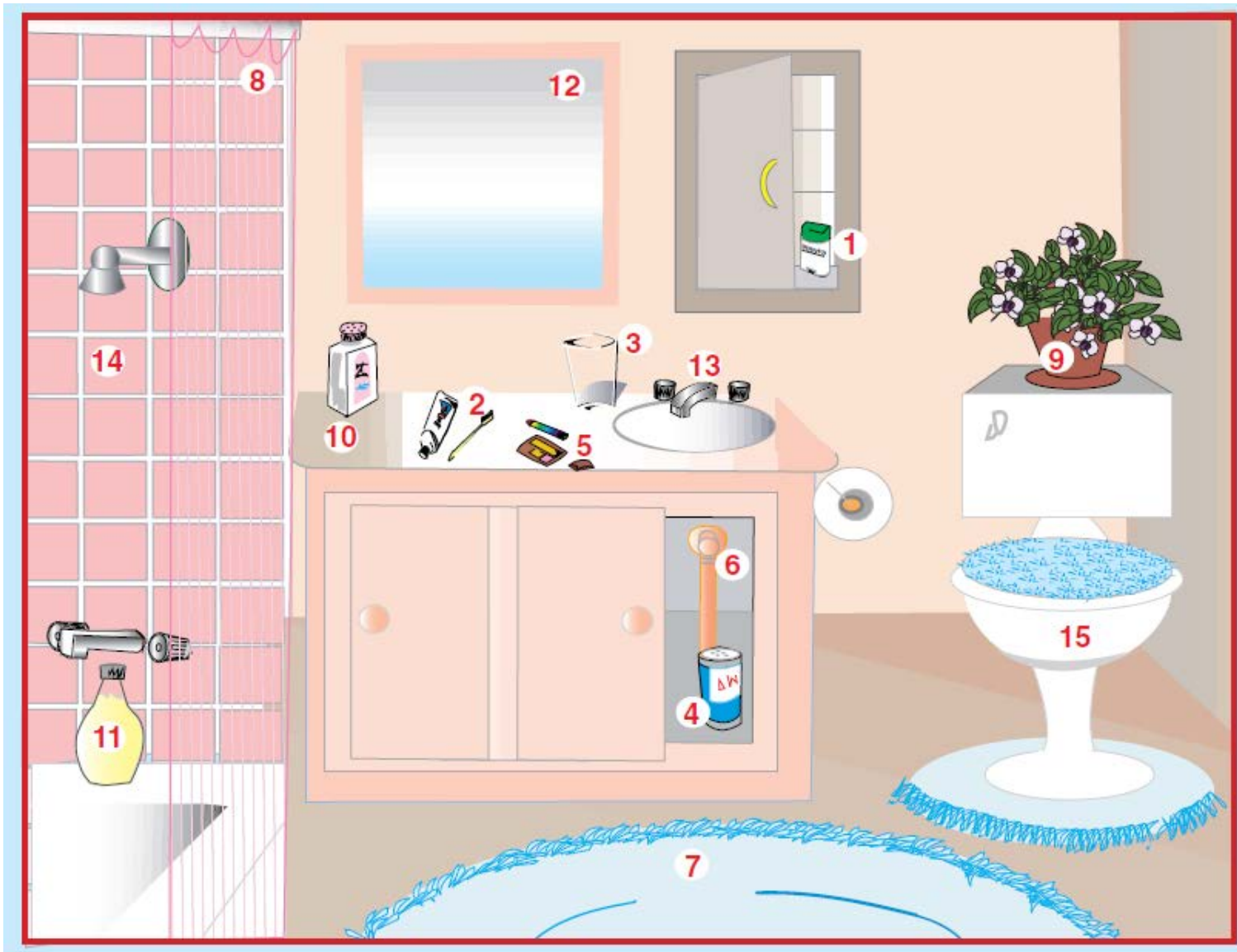
STAINLESS STEEL SINK = made from iron and nickel

MAGNETS = contains cobalt

TOASTER = contains copper, iron, nickel, mica, chromium and petroleum products

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MINERAL MAYHEM



1. Deodorant
2. Toothpaste
3. Drinking glasses
4. Abrasive cleanser
5. Lipstick and makeup
6. Plumbing
7. Rugs
8. Plastic shower curtain
9. Flower pot
10. Talcum powder
11. Dandruff Shampoo
12. Mirror
13. Faucets
14. Tiles
15. Toilet

Image from U.S. Department of the Interior, U.S. Geological Survey

CREATIVE
BRIEF HANDOUT

MINERAL MAYHEM

ITEM NAME	WHAT ITS MADE OF		ITEM NAME	WHAT ITS MADE OF

MINERAL MAYHEM



1. Computer
2. Pencil
3. Telephone / cell phone
4. Books
5. Pens
6. -----
7. Camera
8. Chair
9. Television
10. Stereo
11. Compact Disc
12. Metal filing cabinet
13. Carpet
14. Drywall

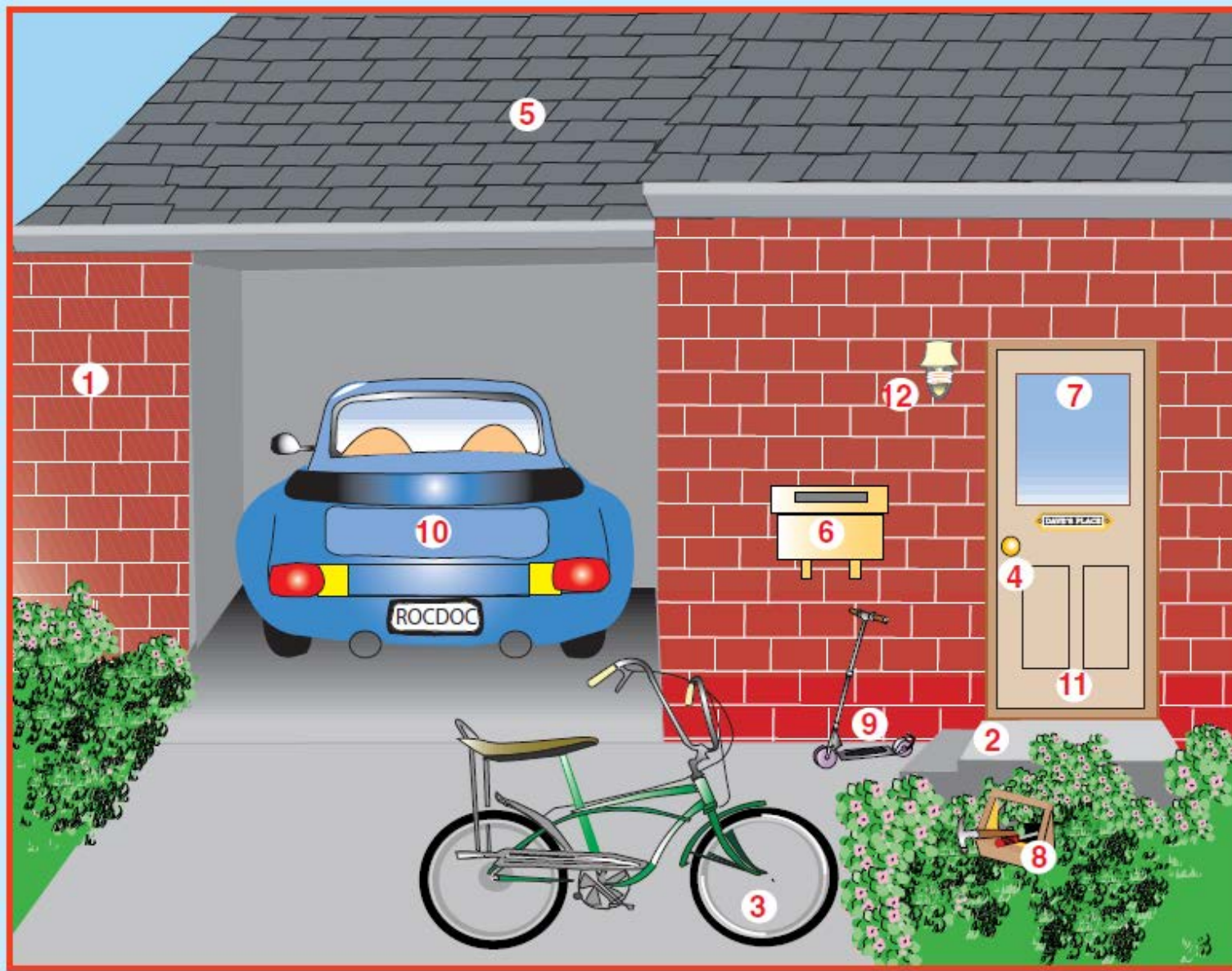
Image from U.S. Department of the Interior, U.S. Geological Survey

CREATIVE
BRIEF HANDOUT

MINERAL MAYHEM

ITEM NAME	WHAT ITS MADE OF		ITEM NAME	WHAT ITS MADE OF

MINERAL MAYHEM



1. Bricks
2. Concrete Step
3. Bike
4. Door knob
5. Shingles
6. Mailbox
7. Windows
8. Tools
9. Scooter
10. Car
11. Paint
12. Light and fixture

CREATIVE
BRIEF HANDOUT

MINERAL MAYHEM

ITEM NAME	WHAT ITS MADE OF		ITEM NAME	WHAT ITS MADE OF

MINERAL MAYHEM

FURTHER ANALYSIS

ITEM CHOSEN TO ANALYZE: _____

1. Create a list of the minerals that were found in the item you selected, and research where in the world those minerals come from or are mined from.
2. Does Canada have the resources to make this product without importing or bringing in mineral resources? Explain your answer.
3. Which countries are we most heavily relying upon to manufacture this product?
4. If this item could no longer be produced due to a shortage in at least one of the minerals used in its product, what impact (if any) would it have on our daily lives? Explain your answer.

MINERAL MAYHEM

5. How might our dependency on minerals for this product, or any other product, be reduced?

6. Explain why minerals and mining are important to you and your daily life.