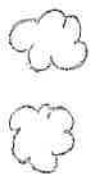
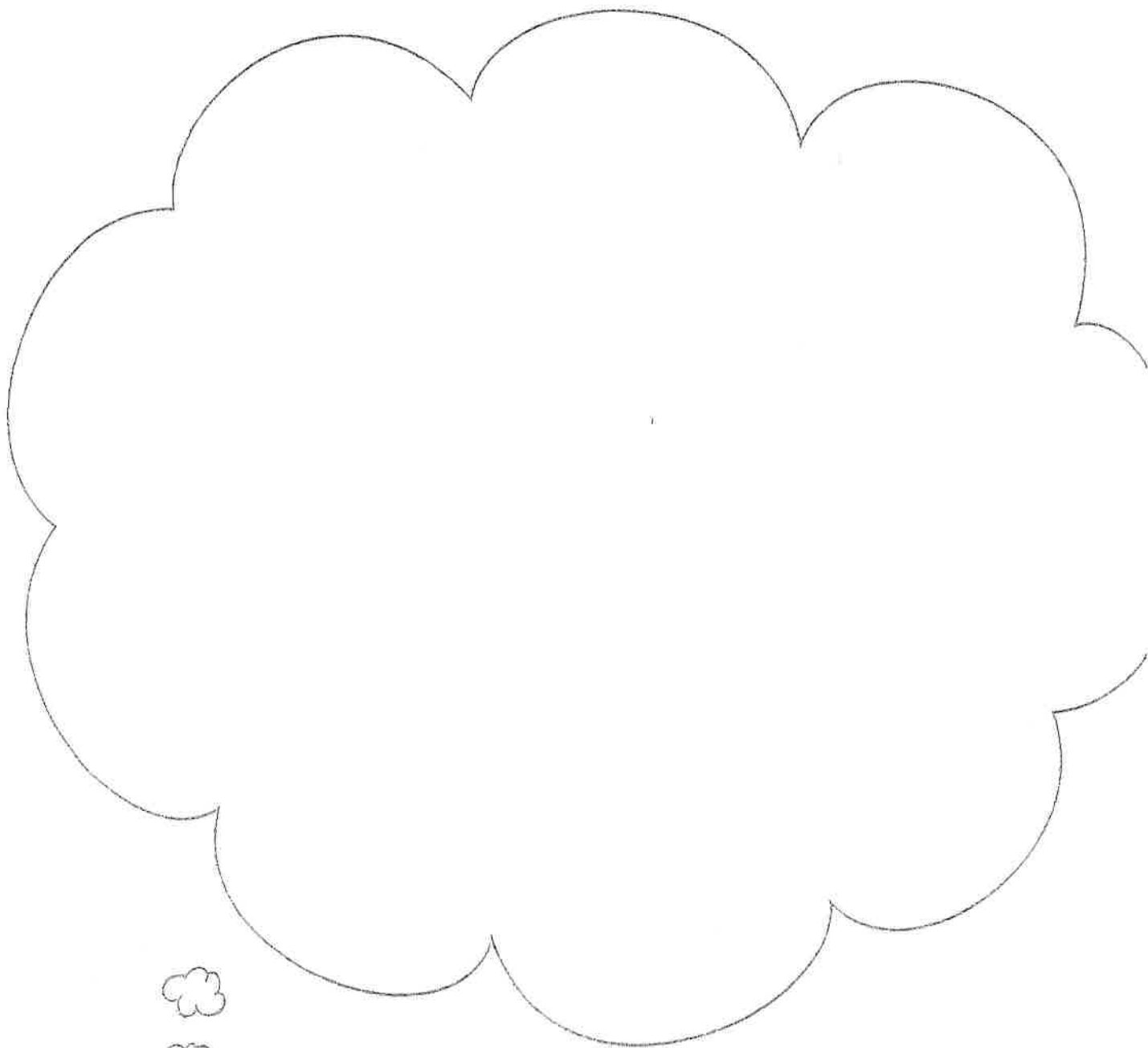


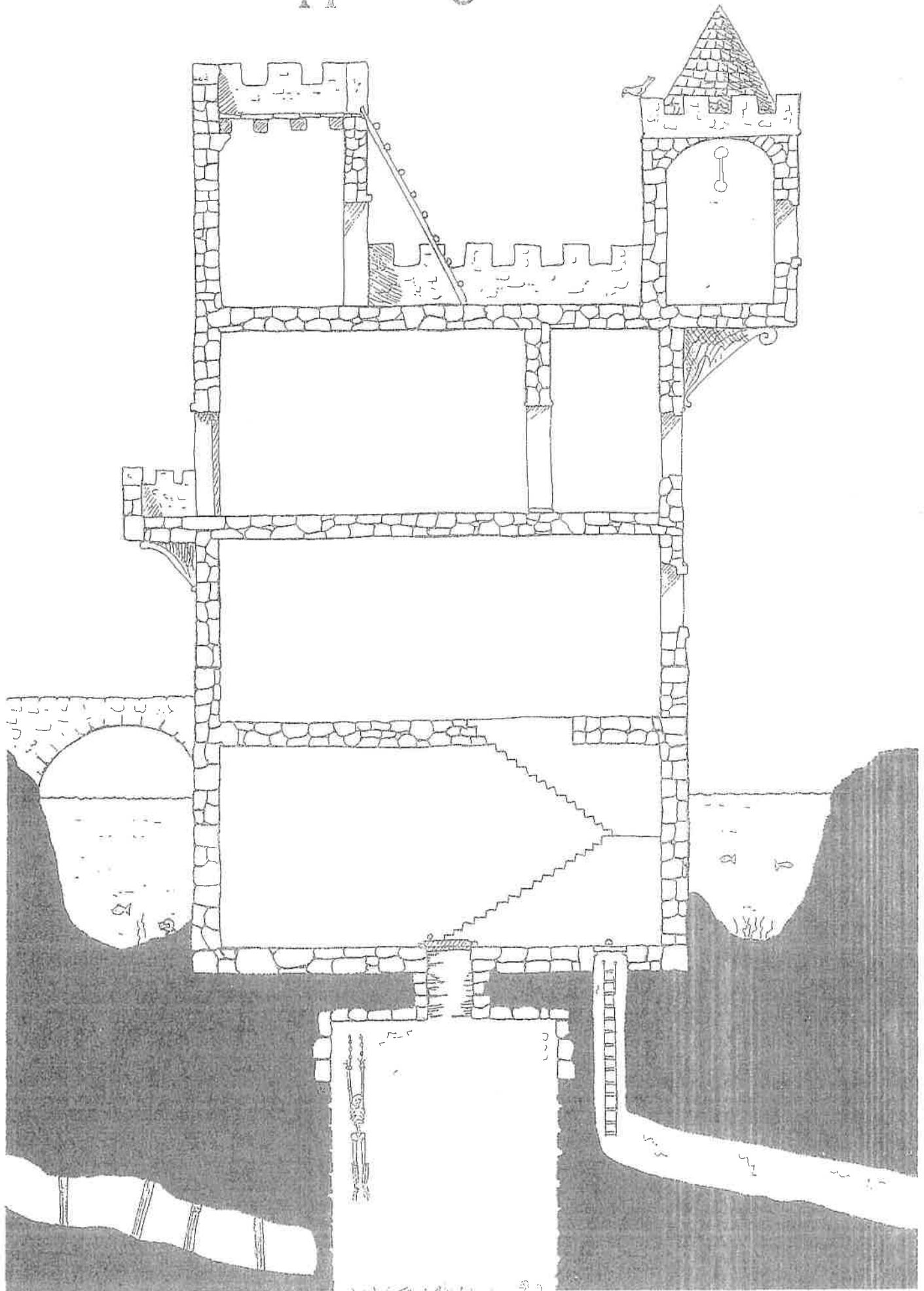
My perfect vacation . . .



Whoops!



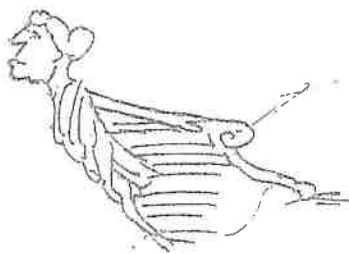
What's happening in the castle?



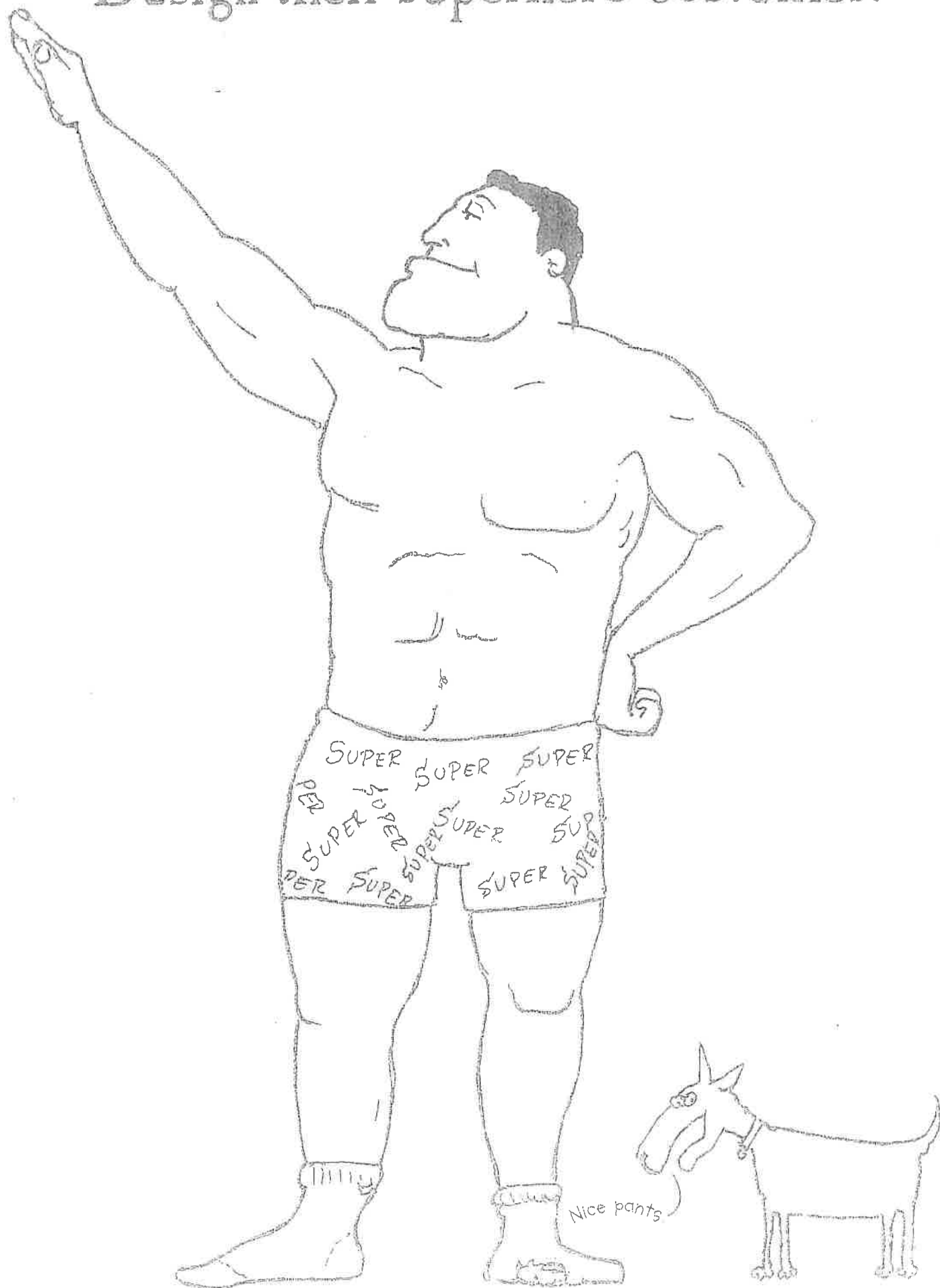
Who is sitting on the eggs?



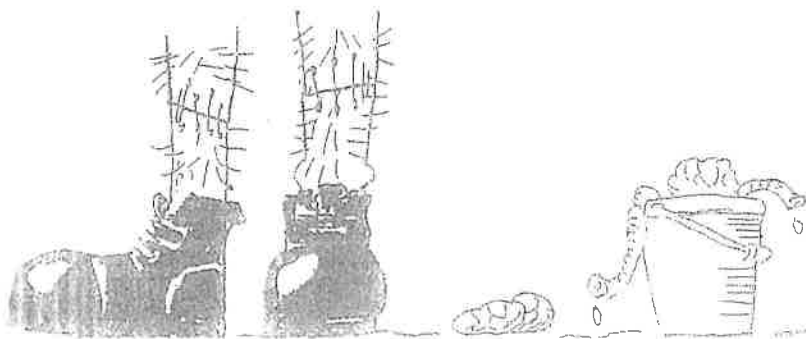
# Ship ahoy!



Design their superhero costumes.



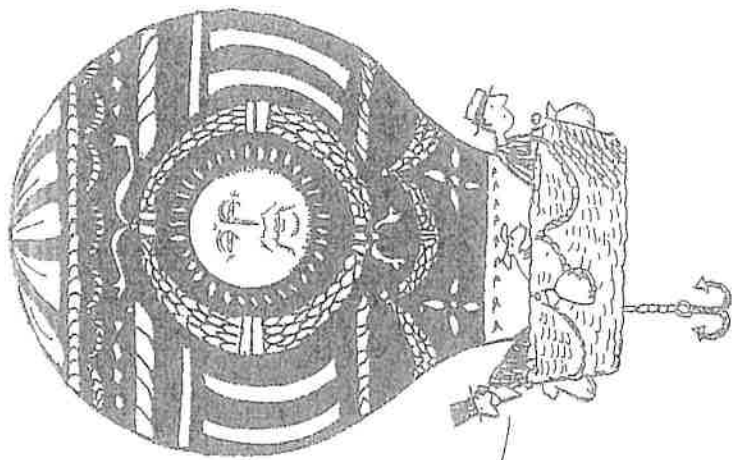
Draw Dr Frankenstein's monster.



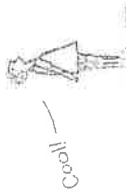
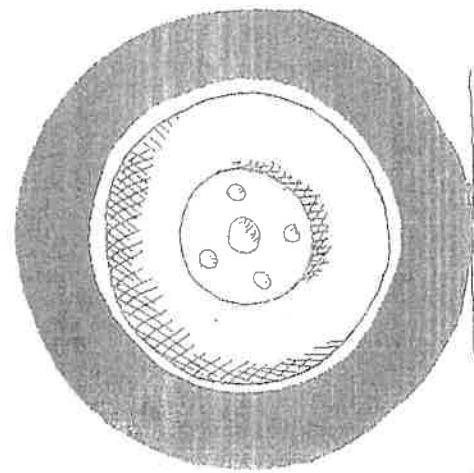
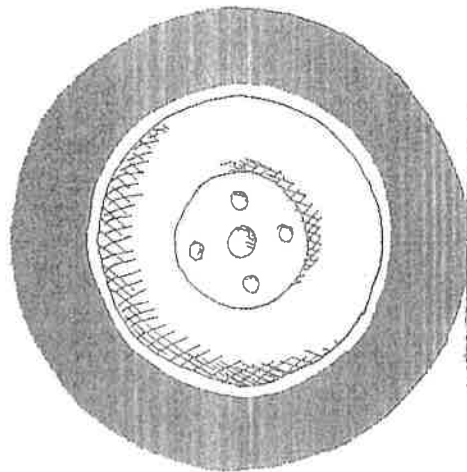


What is nibbling his toes?

# Where are they going to land?



Not quite where I planned.



Eyes Only

# Spaceship New Design

$$\frac{2+b^2}{a} \times \sqrt{\frac{2V}{V^2} \times \frac{V^2}{V^2} \times \frac{V^2}{V^2}} = \frac{4 \times 4}{2} + \sqrt{2 \times 2} = 3207$$

710

planet

earth



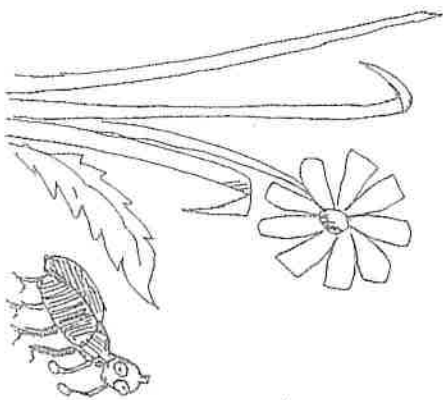
$$4 + \sqrt{2 \times 4 \times 2} \sqrt{4 + 4}$$

$$E = 17 \times 2$$

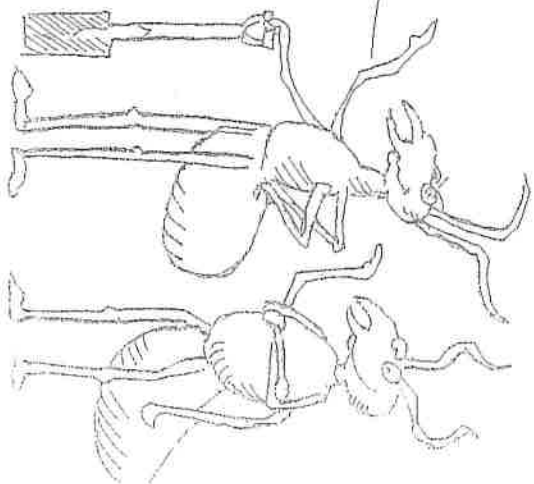
Add Wild Bill's bucking bronco.

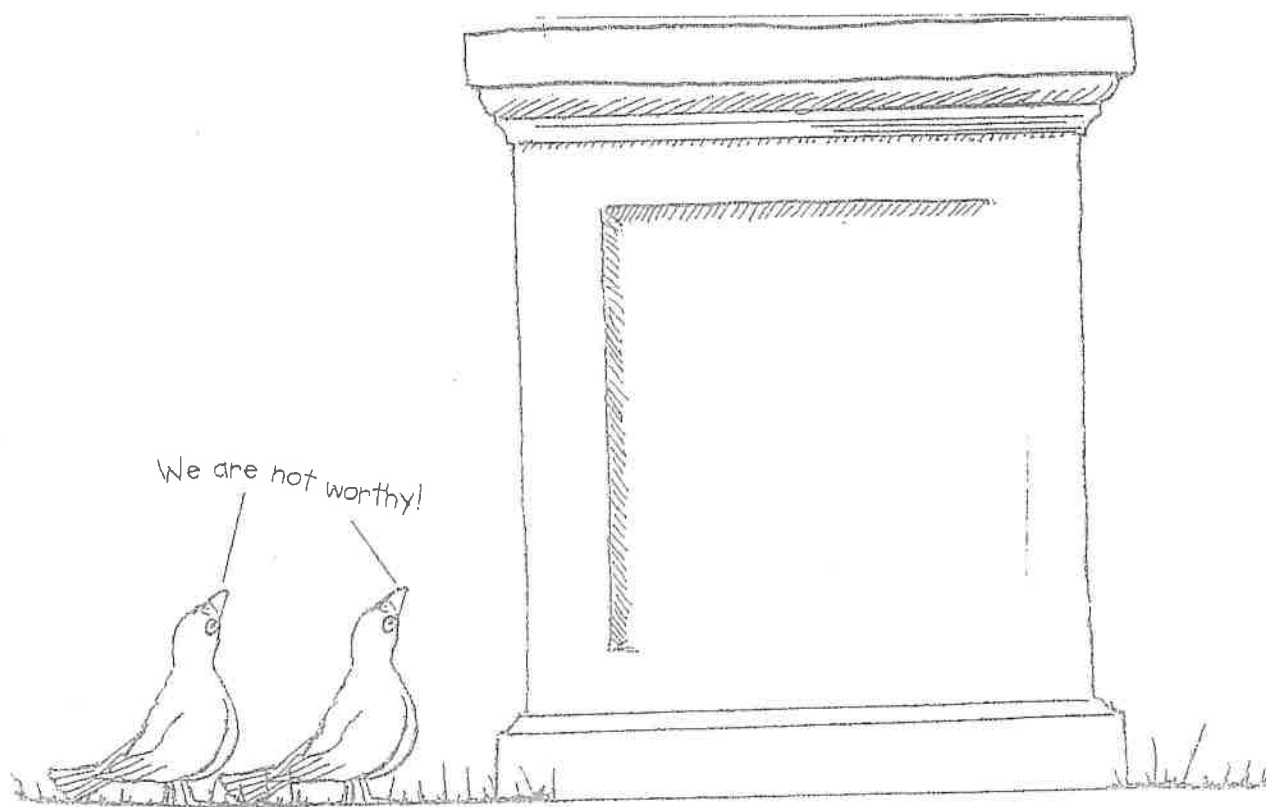


What did these ants build?

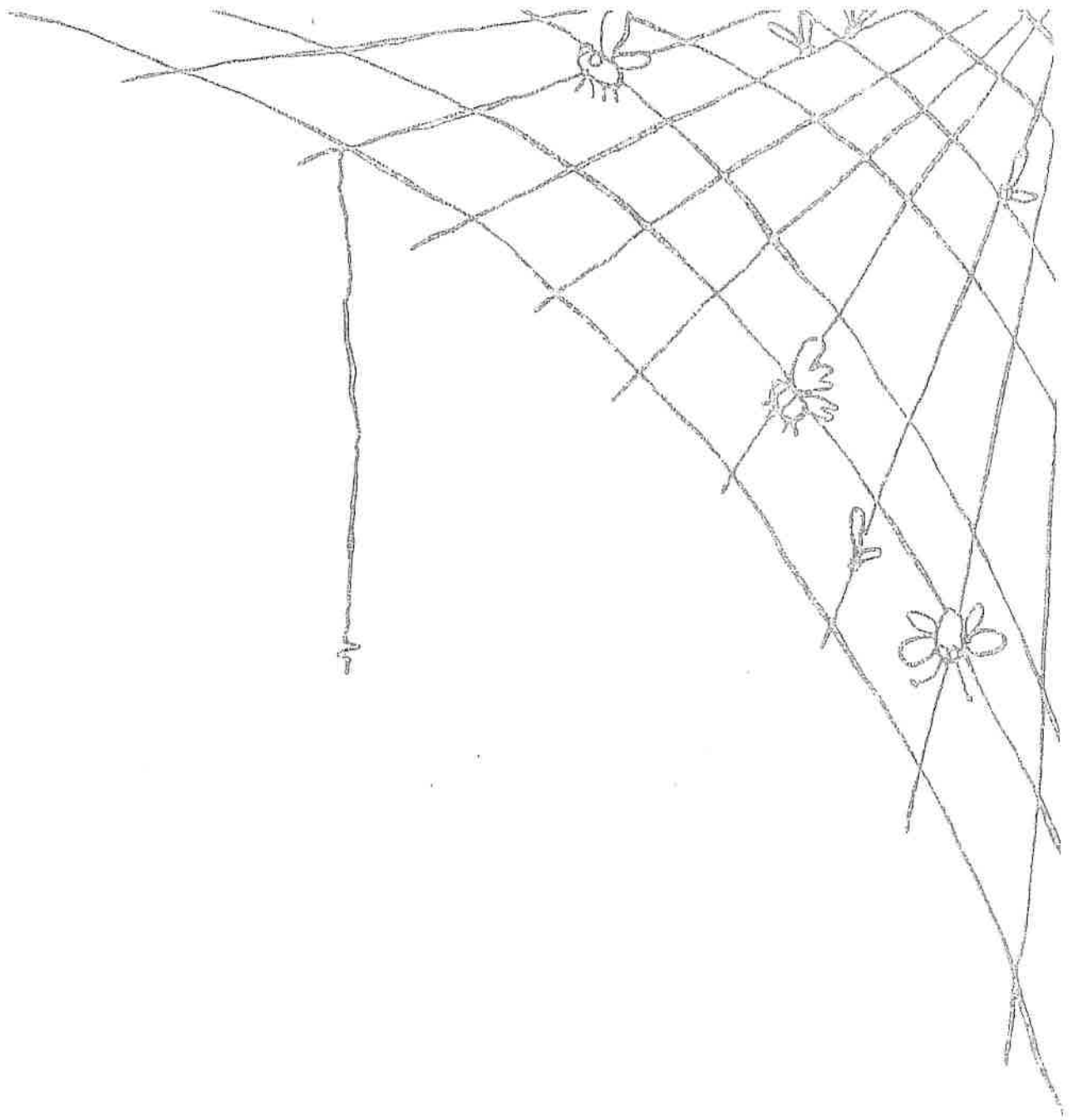


Very pleased-ant



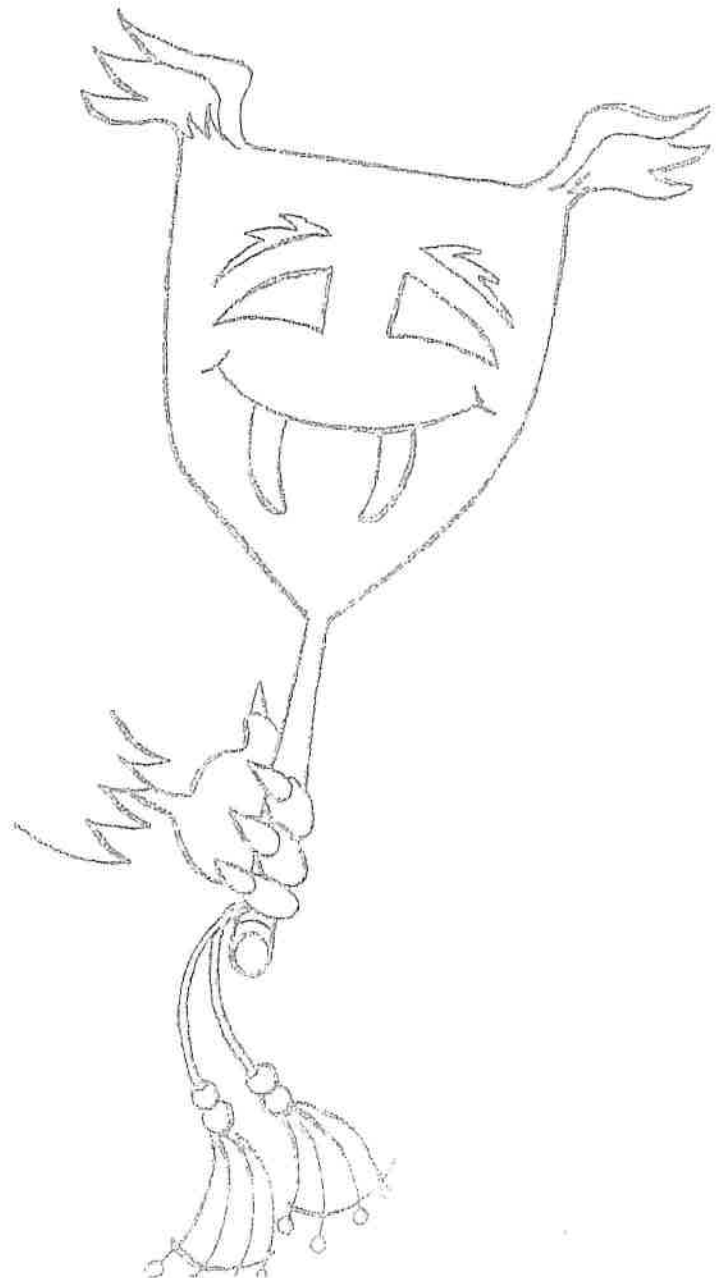


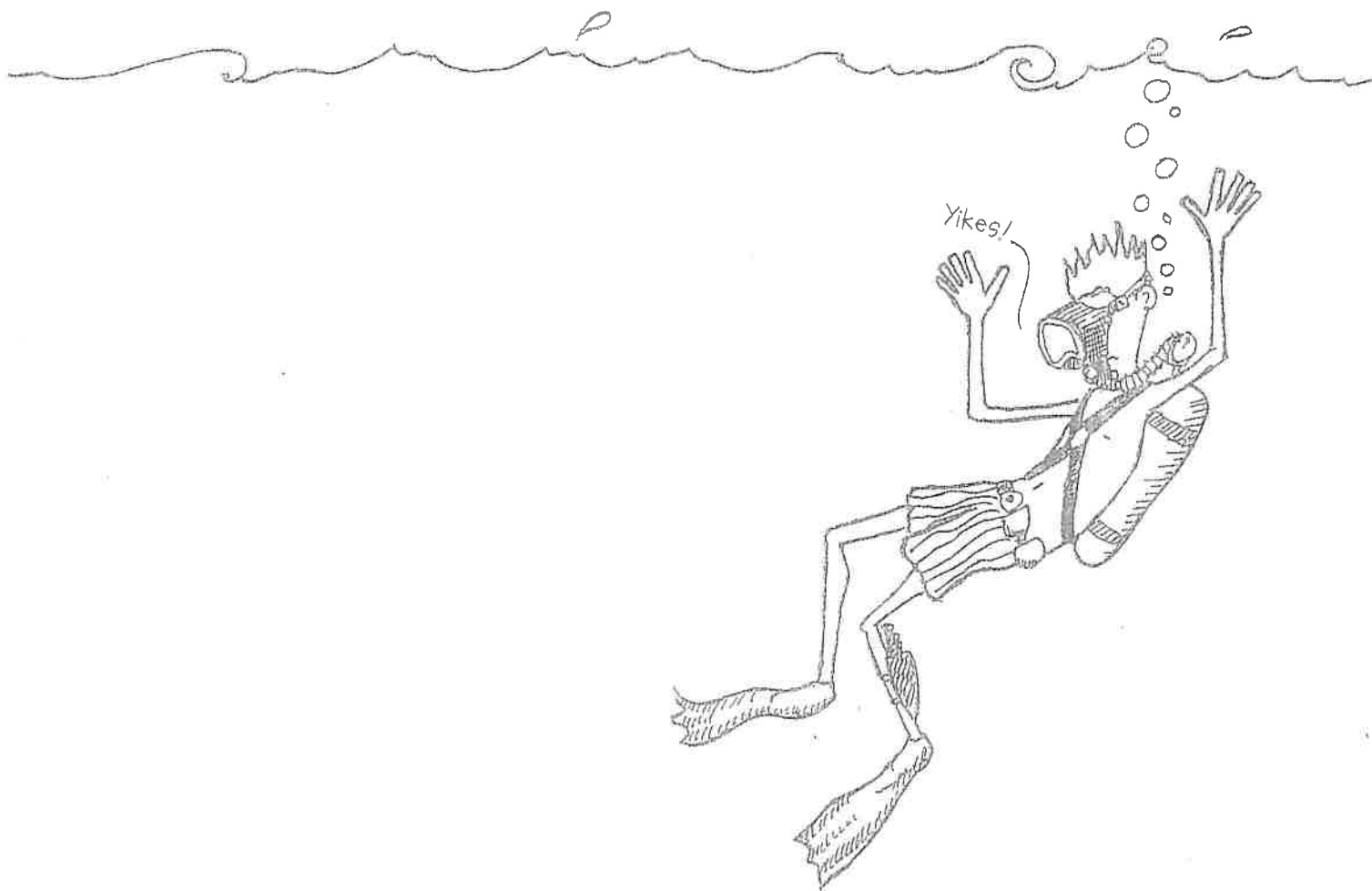
Who is your hero?



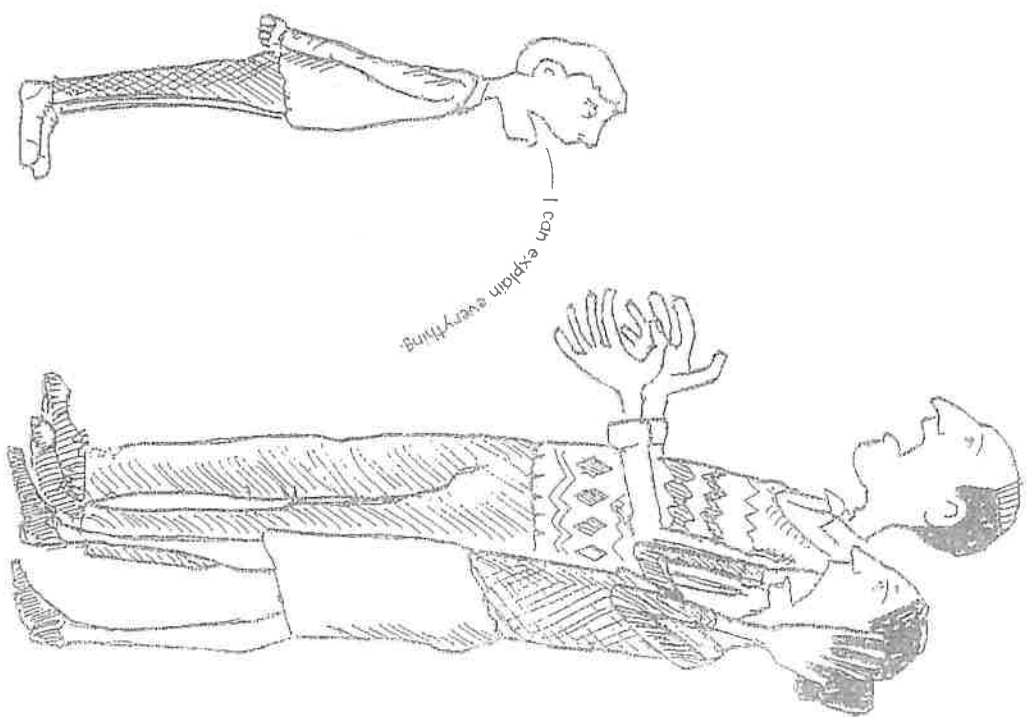
Draw a hairy spider.

Who is behind the mask?

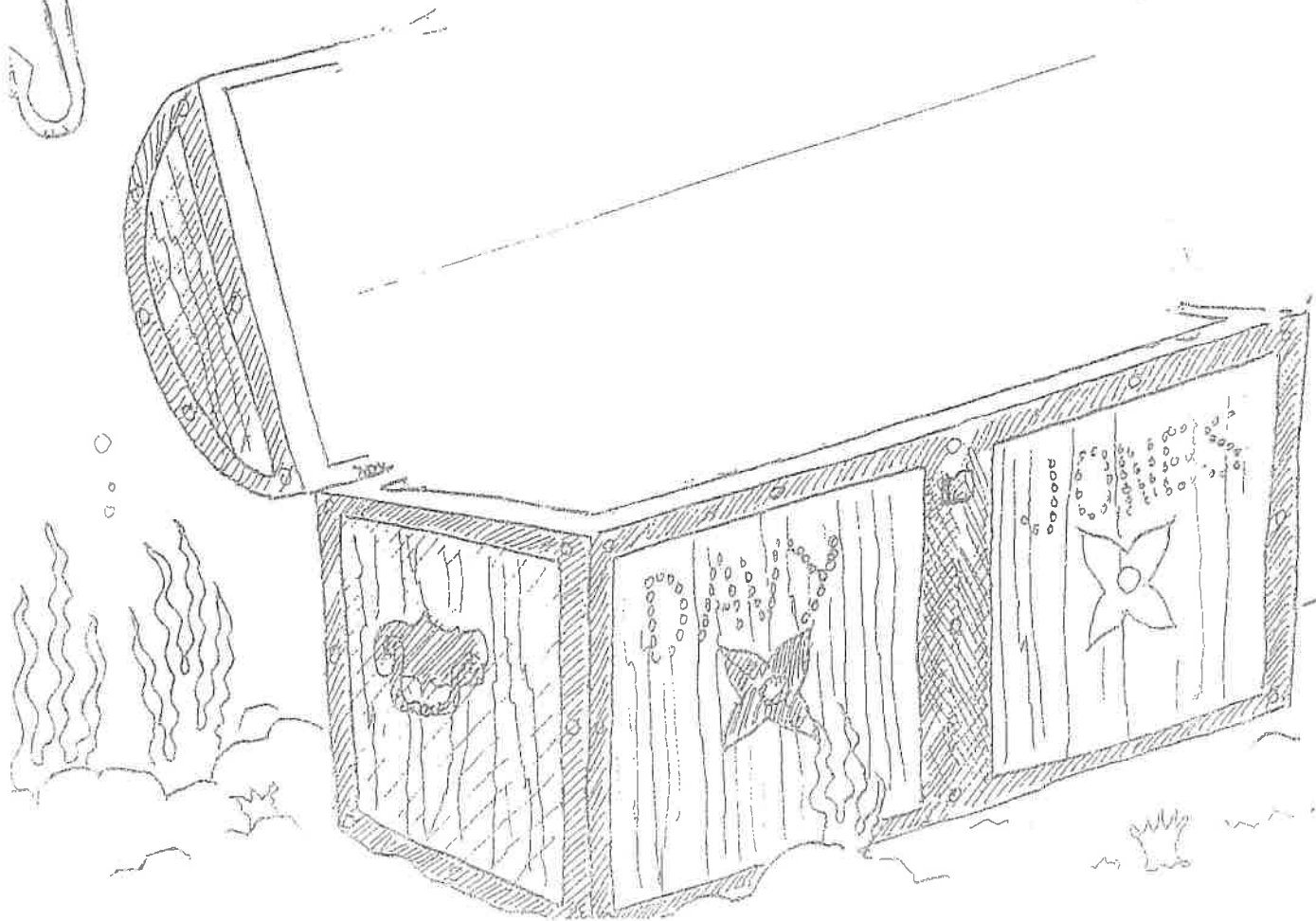
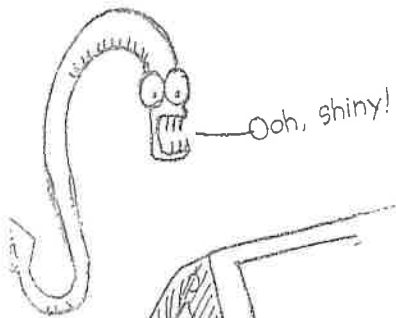
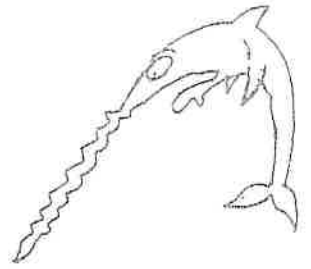
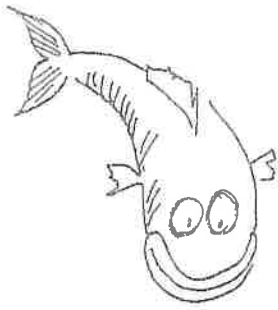




What did he do?



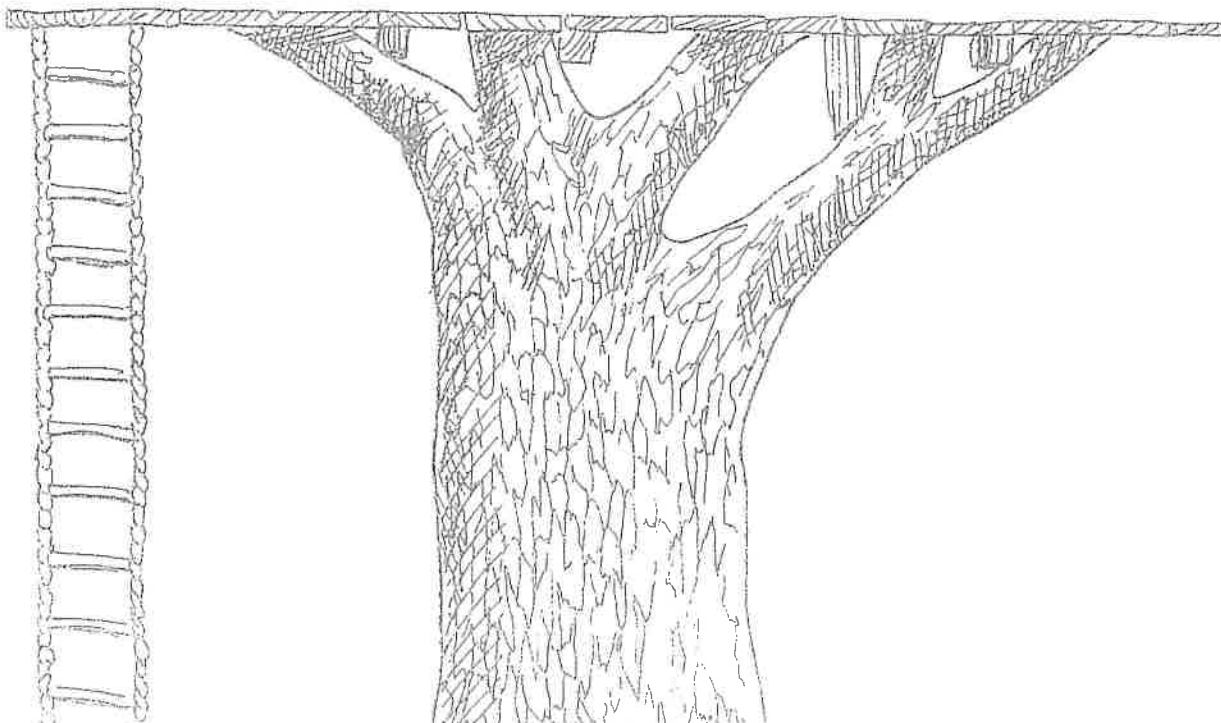
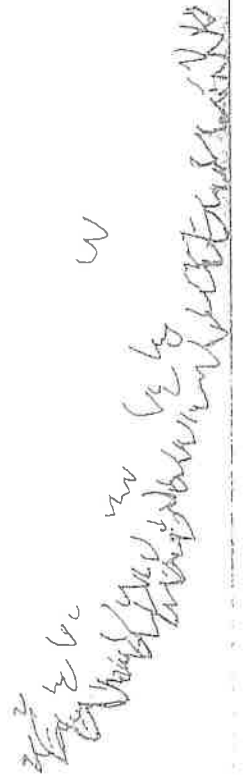
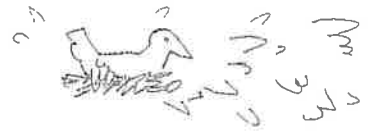
# SILVER IN TUNNELS—WHAT'S IN THE CHEST?

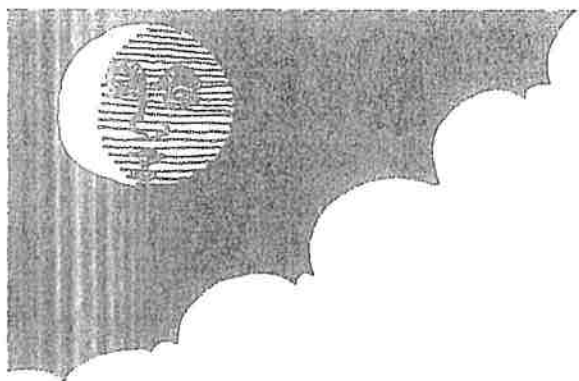


# Design a great gadget.

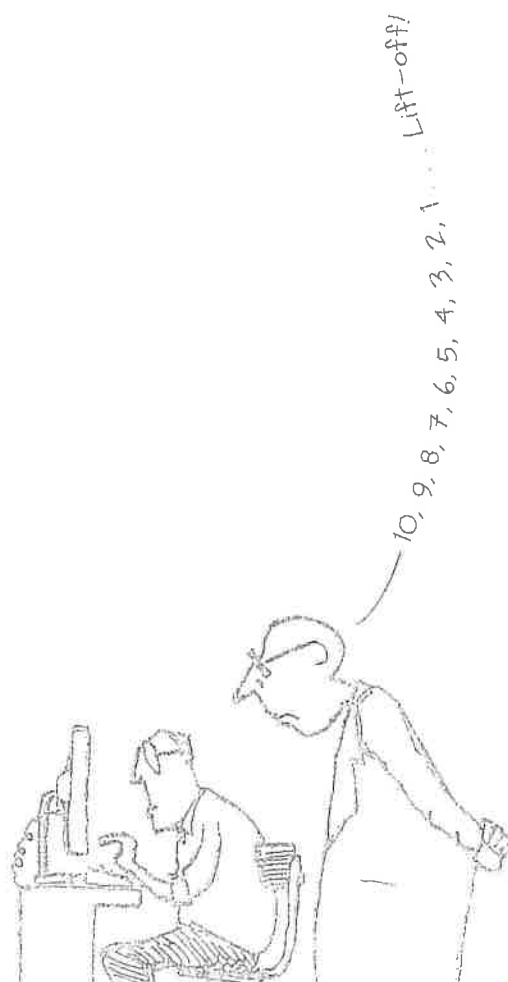


## Construct a cool tree house.

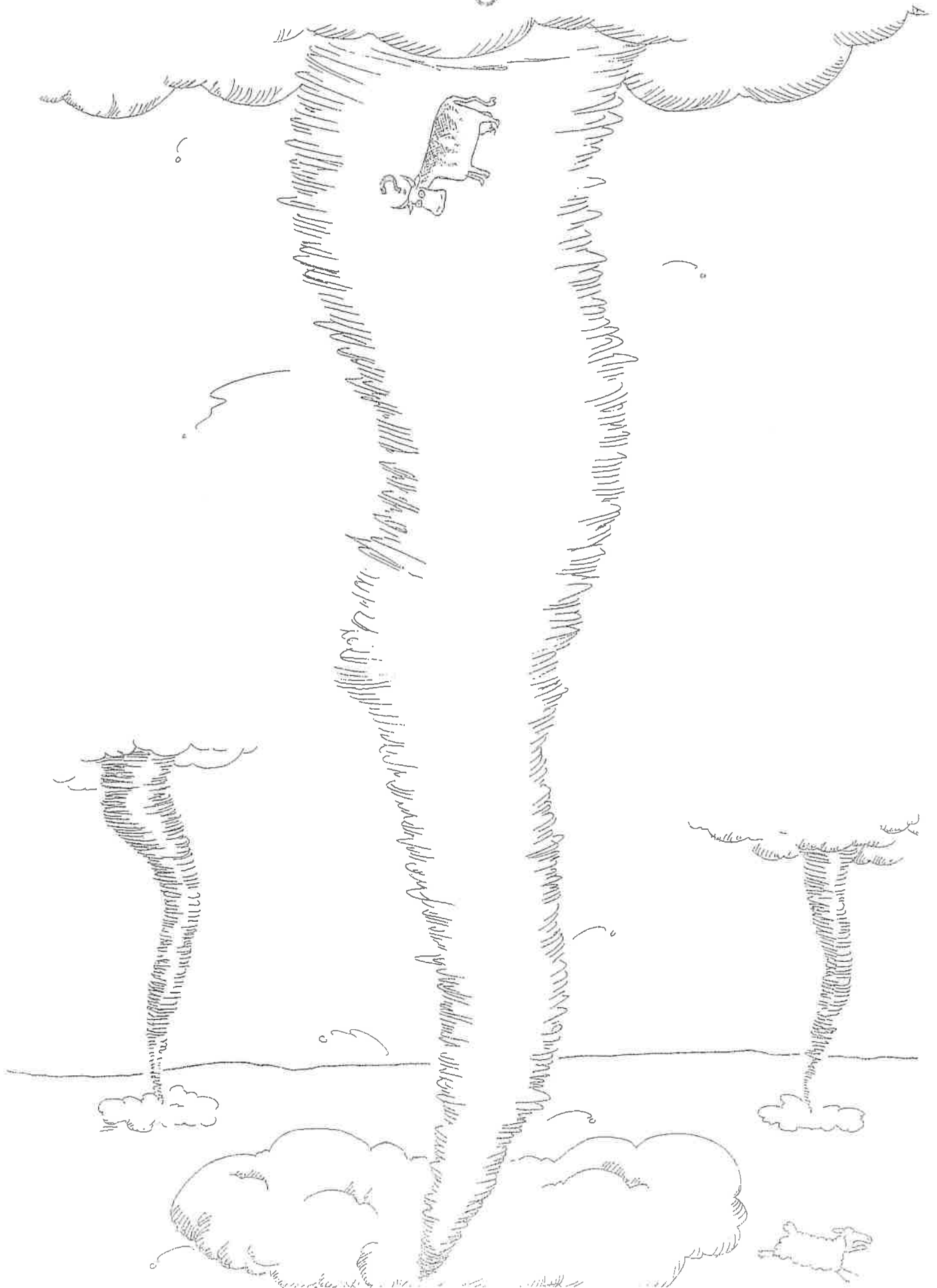




Launch the rocket.



What is twisting in the tornado?



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

Grade 2 - Directions: We have been working on plants for past month. Please review and complete the following pages from our student workbooks. Some of these pages are a review as we have already gone over some of these pages in class.

Thank you!

Mrs. Grullon



Name \_\_\_\_\_

# Parts of a Plant

Directions: Use the word bank to label the different parts of the flower.

flower

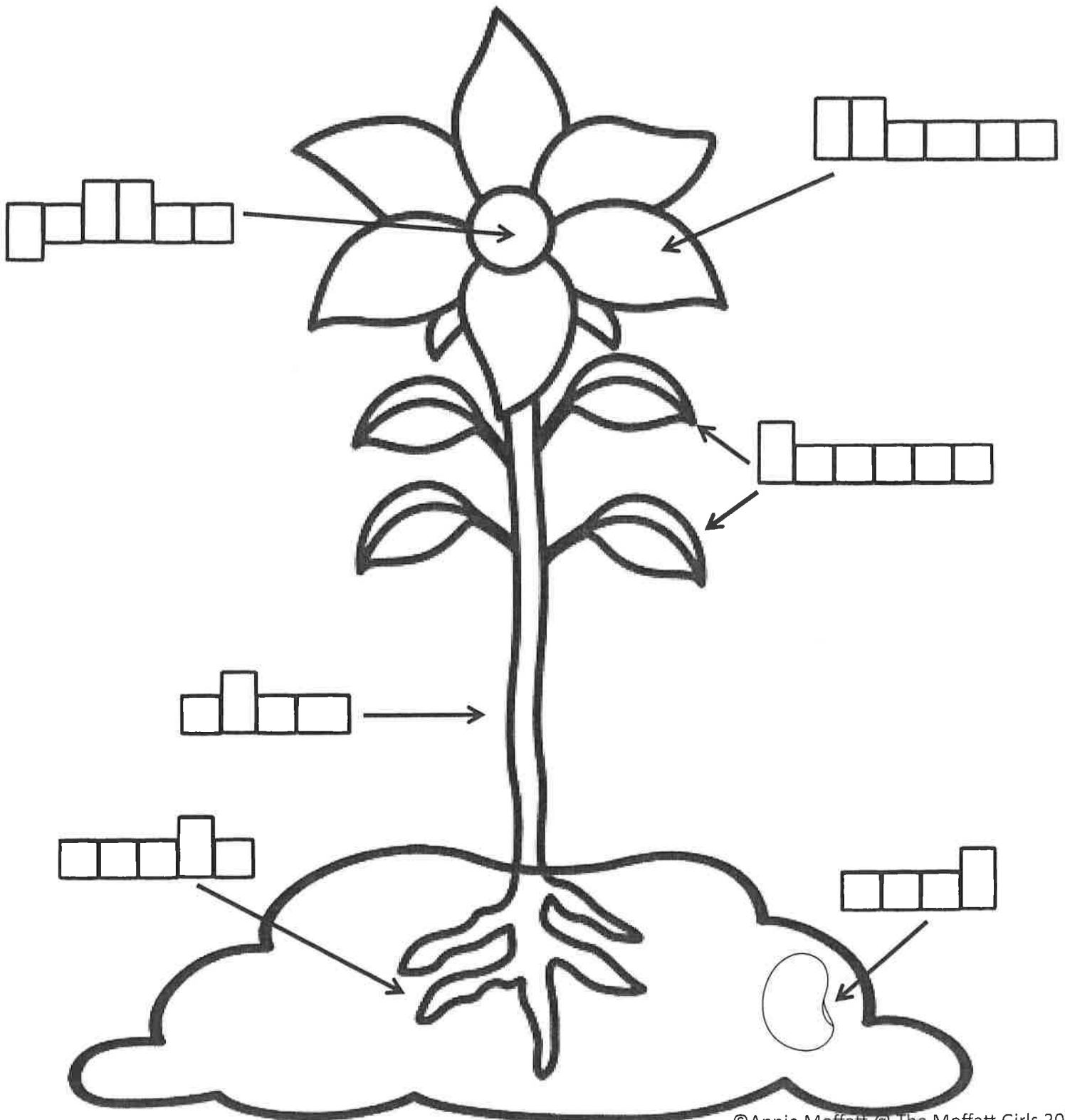
stem

roots

seed

pollen

leaves



## Burn It

Explore online. 

Look at the pictures to see how adding heat by burning changes matter.

before



after



Heat from the flame is added to the wood and the leaf. This causes the materials to burn. Burning can also happen when you cook something too much. When something burns, heat changes its properties and makes it into another type of matter. This is a pattern that happens when heat is added and something burns.

What happened to the wood and the leaf when they were heated?

- Ⓐ They turned black and changed to ash.
- Ⓑ They changed from solids to liquids.
- Ⓒ They did not change.

4. Elizabeth places juice in a freezer. The next day she observes that the juice is frozen. What evidence does Elizabeth have to make the argument that the juice froze?

- Ⓐ The juice changed from liquid to solid.
  - Ⓑ The juice changed from solid to liquid.
  - Ⓒ The juice changed in color only.
- 

5. What happens when heat is added to wax?  
Choose all true statements.

- Ⓐ It melts.
  - Ⓑ It changes from solid to liquid.
  - Ⓒ It changes to ashes.
- 

6. What does burning cause wood to turn into?

- Ⓐ black ashes
  - Ⓑ a liquid
  - Ⓒ ice
- 

7. What would happen to a plastic bag if you put it into the freezer?

- Ⓐ The bag would change to ashes.
- Ⓑ The bag would change to a liquid.
- Ⓒ The bag would stay solid.

## Take It Further

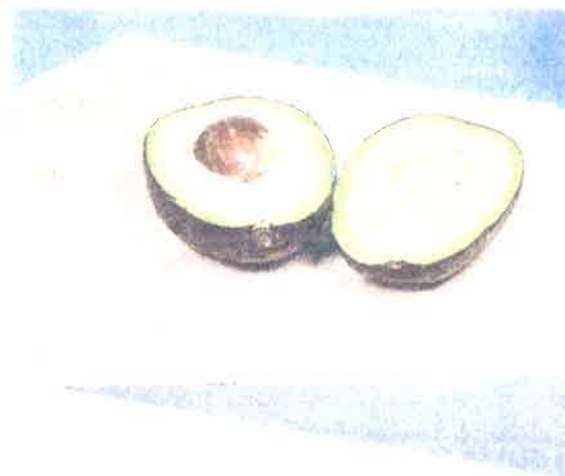
### How Foods Change

Explore more online.

- Dissolve It

What changes happen to apples, avocados, and bananas after you cut them and leave them out on the counter?

Explore online. ▶



## Self Check

1. What evidence do the pictures give to show that this change is reversible?

- Ⓐ Freezing changes the juice pop into a different kind of material.
- Ⓑ Adding heat to the juice pop makes it turn brown and melt.
- Ⓒ The material in the juice pop stays the same even when its form changes.



2. What causes matter to change in each photo? Use a word from the box to identify each change.

cooking  
burning  
melting



3. Which are irreversible changes? Choose all that apply.

- Ⓐ a fire burning in a fireplace
- Ⓑ a melting ice-cream cone
- Ⓒ muffins baking in the oven
- Ⓓ a frozen lake in the winter

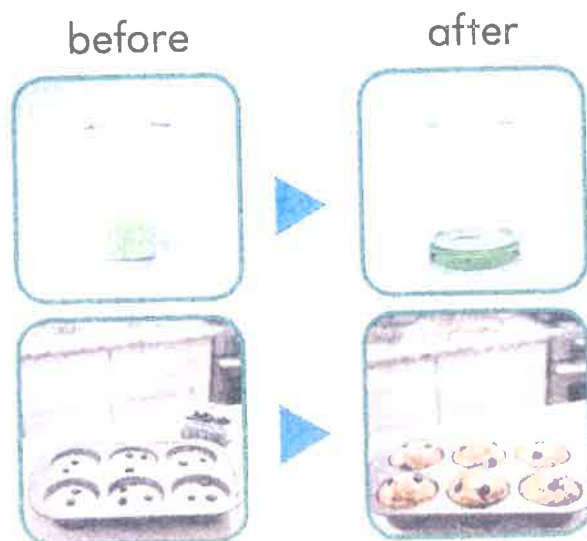
1. What happens to water when it freezes?

- Ⓐ It only changes color.
- Ⓑ It changes to a liquid.
- Ⓒ It changes to a solid.

2. How does matter change when it melts?

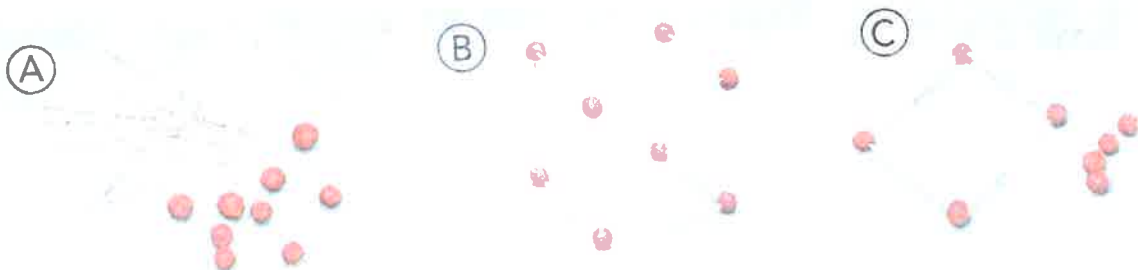
- Ⓐ It changes from a liquid to ashes.
- Ⓑ It changes from a solid to a liquid.
- Ⓒ It changes from a liquid to a solid.

3. Look at the wax and the muffin batter. Which statements are true? Choose all correct answers.

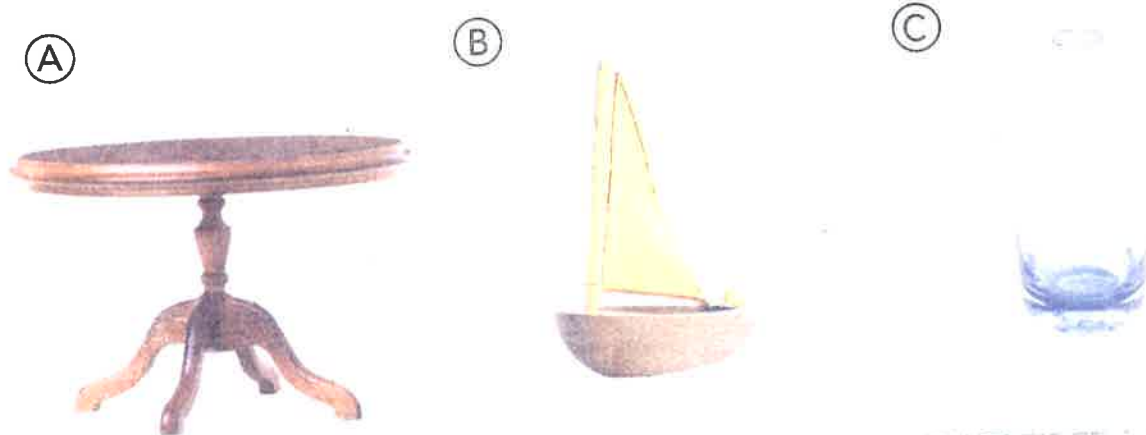


- Ⓐ Heat caused the wax to melt.
- Ⓑ Heat caused the muffin batter to cook.
- Ⓒ Heat caused the wax and muffin batter to burn and turn to ashes.

8. You are building a cube from toothpicks and clay balls. Which picture shows the finished cube?




9. What could be built from these materials? Choose all correct answers.

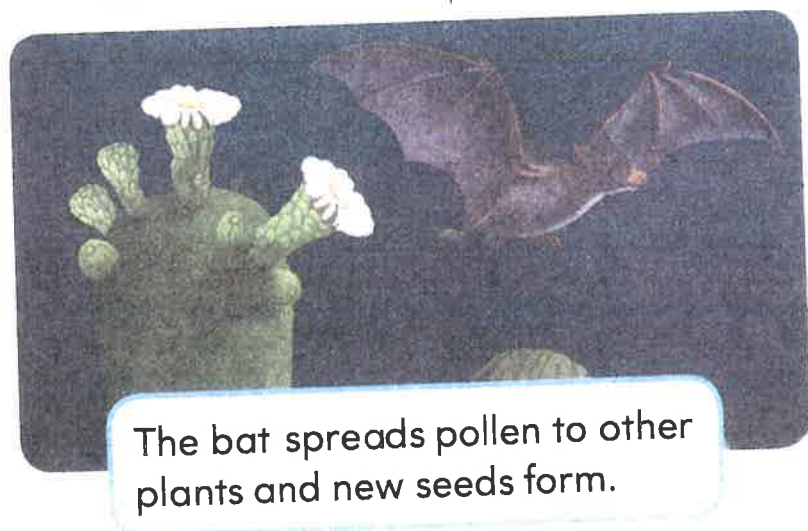


10. Which are properties of the ball?  
Choose all correct answers.

- ☐ (A) bends
- ☐ (B) green
- ☐ (C) round



 How does the bat help seeds form? Number each picture 1, 2, or 3 to show the correct order.



4. What causes a bee to move pollen?


Choose the **best** answer.

- Ⓐ The pollen is light and sticky.
- Ⓑ The pollen has structures like wings.
- Ⓒ The pollen has hooks that catch onto the bee.



5. A farmer sees that his strawberry crop is not as large as it was last year. He reads in the newspaper that there are fewer bees in the area. What conclusion can you draw about why his crop is smaller?

- Ⓐ The crop grows better if bees do not move pollen.
- Ⓑ The crop grows better if many bees move pollen.
- Ⓒ The number of bees does not affect the crop.

 Think about the type of water each animal needs in its habitat. Circle all animals that can live in water that is salty.



### Apply What You Know

**Evidence Notebook** • With a partner, discuss why a river delta is a good place for some plants and animals to live. Record your answer in your Evidence Notebook.



### Patterns

Go to the online handbook for tips.

3. How are a cypress tree and duckweed alike and different? Choose all correct answers.

- Ⓐ Both plants have large roots.
  - Ⓑ Only one of these plants floats on the water's surface.
  - Ⓒ Both plants live in habitats that provide everything they need to live.
  - Ⓓ Only one of these plants digs its roots into the muddy bottom of its habitat.
- 

4. What makes a river delta a good place for an oyster to live? Choose all correct answers.

- Ⓐ It can only survive deep underwater.
  - Ⓑ It needs moving water to bring food to it.
  - Ⓒ It can live in salty water or a mix of fresh and salty water.
- 

5. Which are true about plants and animals that live in a pond?

- Ⓐ The animals living in water have gills.
- Ⓑ The plants and animals can live in fresh water.
- Ⓒ The plants and animals get what they need to live and grow.