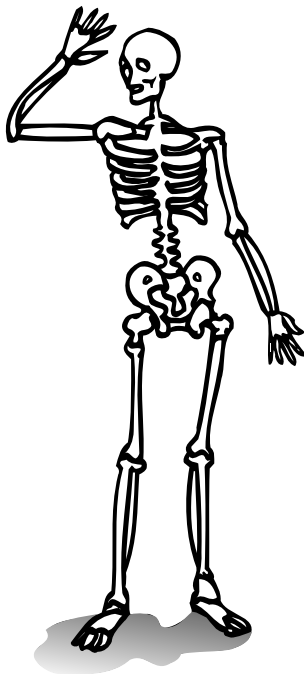


# An Injury Survey

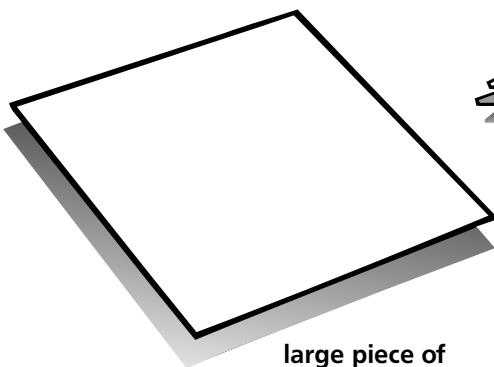
## WHAT YOU NEED



picture of a skeleton



picture of a young person wearing shorts and a T-shirt



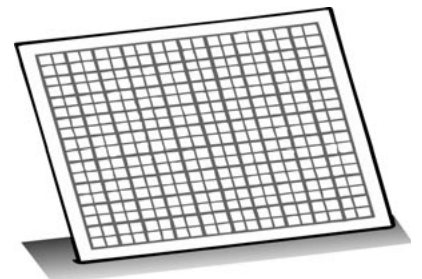
large piece of posterboard



crayons



glue or paste



graph paper

### Find Out

Do this activity to see what injuries your classmates have had and how the injuries happened.

### Process Skills

Communicating  
Inferring  
Interpreting Data

### Time

- 20 minutes the first day
- 20 minutes each day for two weeks

# WHAT TO DO

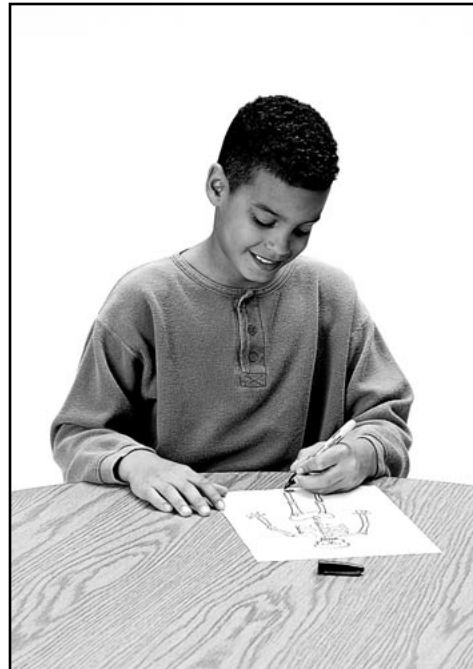
1. Make a question sheet. **Write** your own questions but also use these questions:

Have you ever had a broken bone or a sprain? How did this happen? Have you ever had stitches because of an accident? How many? Where were they? How did this injury happen?

You may also ask where the accident happened, how old the person was when it happened, and how long the injury took to heal.

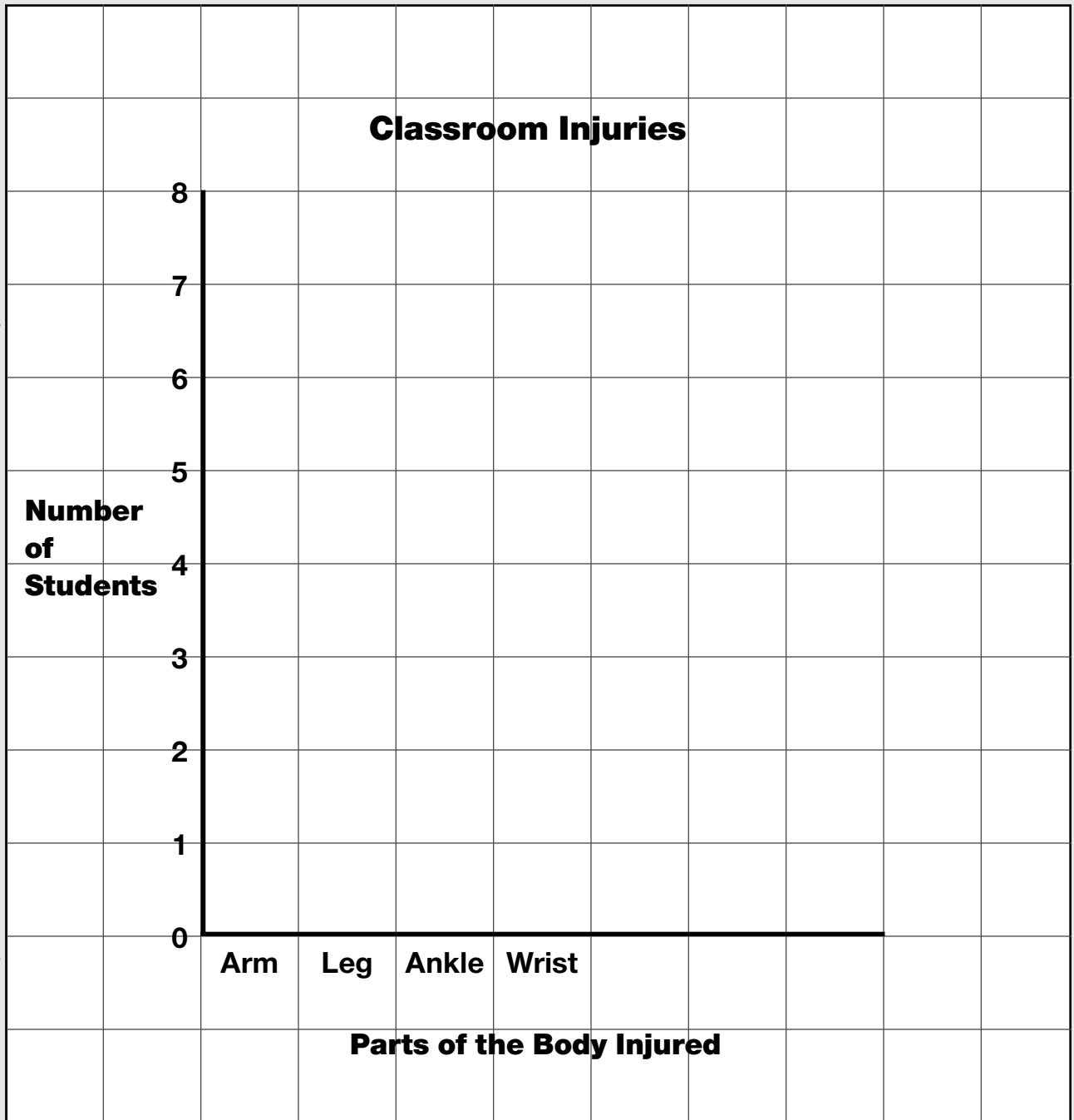


2. Ask your teacher to make copies of your question sheet for each student in the class.
3. **Survey** your classmates. Give each student a copy and ask him or her to answer the questions. Collect the surveys when your classmates have answered the questions.
4. **Record** your findings. Above the name of each body part, color in one square for each injury.
5. On the picture of a skeleton, **draw** a line to each broken bone, and **record** the number of students who have broken that bone.
6. On the picture of the young person, **draw** lines as before, but this time **record** the number of students who had injuries to that part of the body.



7. List safety equipment that may have prevented each injury.

8. Paste your graph and picture charts on the posterboard.



# Conclusions

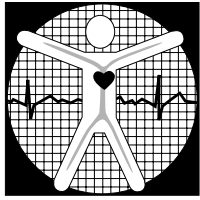
1. What part of the body had the most injuries?
  
  
  
  
  
  
  
  
  
  
2. What were students doing when the injuries occurred?

# New Questions

1. What part of the body is injured most by those who play sports?
  
  
  
  
  
  
  
  
  
  
2. Think about the injuries that your classmates have had. What kinds of safety equipment should they use to help prevent injuries?
  
  
  
  
  
  
  
  
  
  
3. What kinds of safety equipment would you take on a camping trip?



Name \_\_\_\_\_



# ACTIVITY

## Modeling Air Bags

What do you **predict** will happen when an egg is tossed on the center of the sheet?

Take turns gently tossing the egg onto the center of the sheet. **Record** what you **observe** in the chart.

Name	What Happened

Name \_\_\_\_\_

## **Conclusions**

① Does the egg break when it lands on the sheet? Why or why not?

② Would it break if it fell on the floor? Why or why not?

## **Asking New Questions**

① What happens when the sheet is pulled tighter?

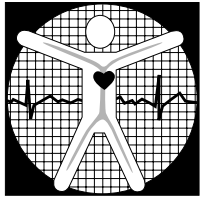
② What happens when the sheet is held loosely?

③ What happens when the egg is thrown harder?

④ How is the sheet like an air bag?

⑤ What does the egg represent?

Name \_\_\_\_\_



# ACTIVITY

## Making a First Aid Kit

**List** the things that can be used to treat small injuries on the card below. Title the list *First Aid Kit*.

Then, cut out the card and place it inside the bag.


Name \_\_\_\_\_

## **Conclusions**

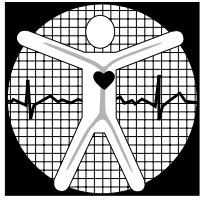
- ① Explain what each item is for.
  
- ② What else could you put in your kit?
  
- ③ Why is a zipper plastic bag a good thing to use for making a first aid kit?

## **Asking New Questions**

- ① Name places where you might find a first aid kit.
  
- ② What kinds of workers might need a first aid kit nearby?
  
- ③ How is packing a first aid kit like packing a suitcase?
  
- ④ Where are some good places for people to keep first aid kits?



Name \_\_\_\_\_



# ACTIVITY

## Dialing 911 for an Emergency

**Write** three or four questions that a 911 operator might ask.

1.

2.

3.

4.

**Make a list** of things to tell the 911 operator.

**Your Name:**

**Your Address:**

**Your Telephone Number:**

**What Happened:**

What happened when the person talked too fast to the 911 operator?

Name \_\_\_\_\_

## **Conclusions**

① When people are excited and scared, are they calm?

② Why is it important to stay calm in an emergency?

## **Asking New Questions**

① Who answers 911 calls?

② What does the person who answers a 911 call do if he or she cannot understand the caller?