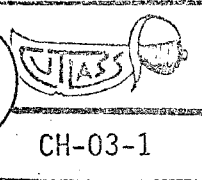


## TEMPERATURE

LIBRARY AUCKLAND

YOU CAN  
HAVE...hot days  
and  
cold dayshot drinks  
and  
cold drinkshot meals  
and  
cold mealshot water  
and  
cold waterhot dogs  
and  
cool catshot iron  
and  
cold steelKIT  
N2  
507  
NEW  
+  
99571

0C1167075

1°C

Copy these  
sentences  
into your  
book.

TEMPERATURE shows how hot or cold something is.

A THERMOMETER is used to measure temperature.

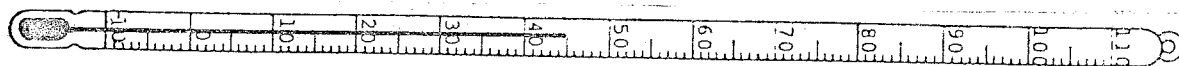
Thermometers measure temperature in DEGREES  
CELSIUS. This is written °C. (For example: 45°C)

COPY

## 2 The Thermometer

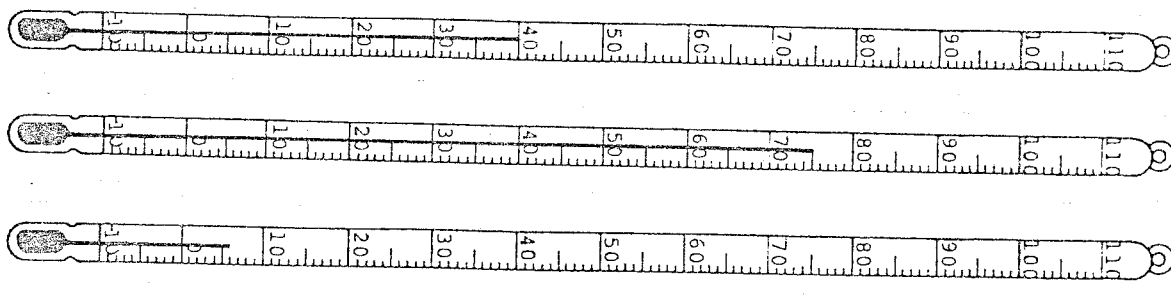
READ  
THIS

A thermometer is a glass tube with a silver bulb at one end. This bulb is filled with MERCURY. The mercury will expand when it gets warm and move up inside the glass tube. The hotter the mercury gets, the further it moves. The scale on the glass tube shows the temperature.



## 3 Reading Thermometers

What temperatures do these thermometers show?  
(Write each temperature in the space beside  
each thermometer).



CUT OUT

Now cut out these thermometers and glue them into your book.

## 4 Using Thermometers

You can now use a real thermometer to  
measure some temperatures.

NOTE:

Thermometers are expensive and  
easily broken...

SO...HANDLE THEM WITH CARE.

Find the temperature of the things  
listed in this table:



You teacher can tell you more  
about how to use a thermometer.

Cut out the table and glue it into  
your book.

## SOME TEMPERATURES

Ice.....=

Cold tap water...=

Hot tap water....=

The air.....=

Your skin.....=

CUT THIS OUT

# TEMPERATURE CHECK-TEST

NAME \_\_\_\_\_

→ Fill in the missing words in these sentences.  
(The WORD LIST will help you).

## WORD LIST

degrees celsius  
mercury  
temperature  
hot or cold  
thermometer  
expands

A \_\_\_\_\_ is used to measure  
how \_\_\_\_\_ something is.

This is called its \_\_\_\_\_  
and is measured in \_\_\_\_\_.

A thermometer is a glass tube with  
\_\_\_\_\_ inside. This  
\_\_\_\_\_ and moves along the  
glass tube as it is warmed up.

YOUR  
RATING

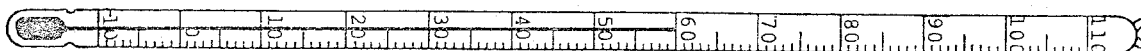
CUT AND GLUE

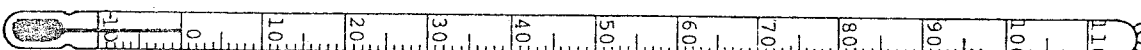
# TEMPERATURE CHECK-TEST

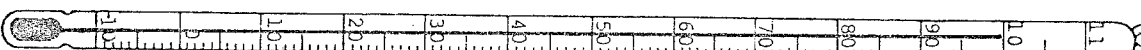
NAME \_\_\_\_\_

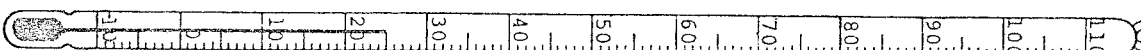
→ What temperature is shown by these thermometers?

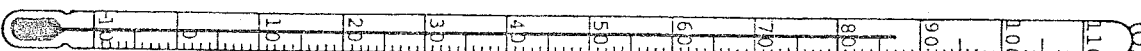
→ Write the temperature in the circle beside each thermometer.  
(Remember to give the correct units)

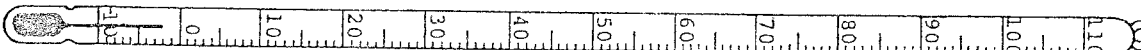













YOUR  
RATING

CUT AND GLUE

# TEMPERATURE

CH-03-3



CUTLASS ACTIVITY SHEET  
TEACHERS' GUIDE

## AIM OF ACTIVITY SHEET

To show students how to use a thermometer to measure temperature.

A BASIC SHEET

## OBJECTIVES

After completing this activity sheet, students should be able to:

- explain the difference between the terms temperature and thermometer.
- describe how a thermometer works.
- read a thermometer.
- use a thermometer.
- name the units that temperature is measured in.

## MATERIALS REQUIRED

- Scissors and glue.
- Thermometers ( $-10 - 110^{\circ}\text{C}$ )

## EXTENSION WORK SUGGESTIONS

- Study other types of thermometers;
  - eg Maximum-minimum.
  - Wet and dry bulb.
  - Clinical (Refer CUTLASS sheet HE-11: *Body Heat*.)
  - Thermocouples.
- Use a thermometer to measure temperature changes v time when ice is heated to boiling point. Graph results.

## RESOURCES

## ADDITIONAL NOTES