

Mind Maps For

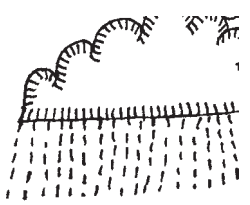
SMALL SCIENCE Class IV

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Mind Maps by: Vishakha Bansode and Karen Haydock, 2012



Cloudy or clear?
 Warm or cool?
 Windy or calm?
 Rainy or dry?

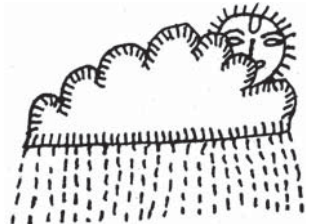
	10	School function!
Thu	9.30	partly cloudy, warm
		not windy
	2 pm	clear, hot, humid

Watch the weather

Clouds make rain

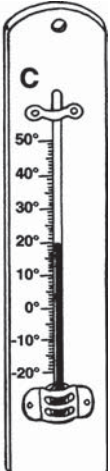
Weather calendar

Sky and Clouds



Humid or dry?

Warm or cool?



SUN, WIND, CLOUDS
AND RAIN

Measuring temperature

Measuring rain

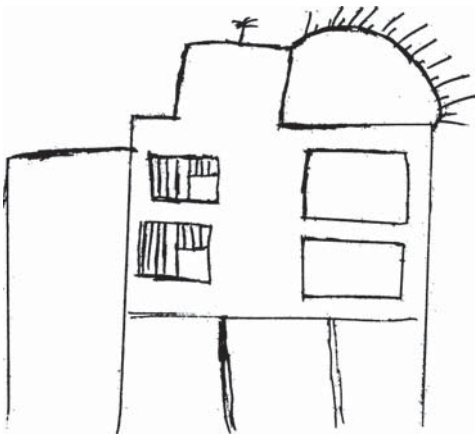
Windy or calm?



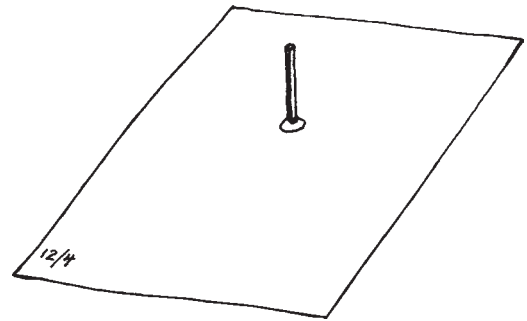
Measuring wind direction

Wind makes waves





Watch the sunrise and sunset



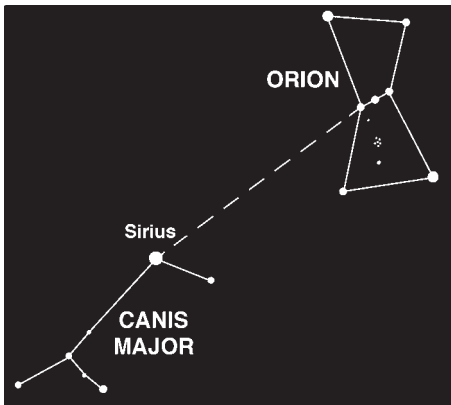
Shadow play

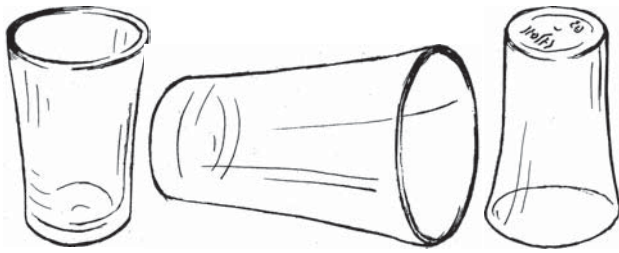


DAY SKY, NIGHT SKY

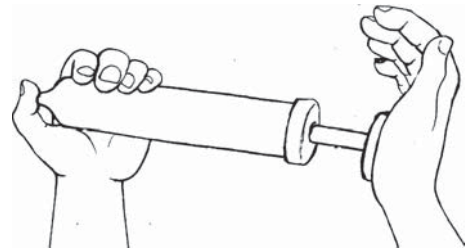
Starry night

Moon watch

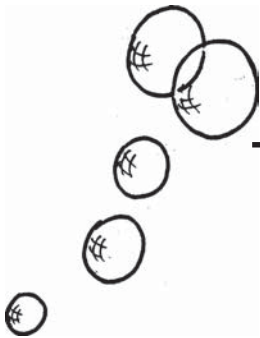




Air inside everything



You can squeeze air



Air makes bubbles



Air moves and pushes



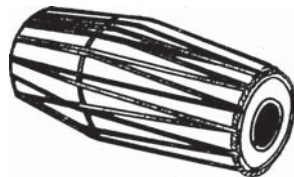
Air carries things

FUN WITH AIR

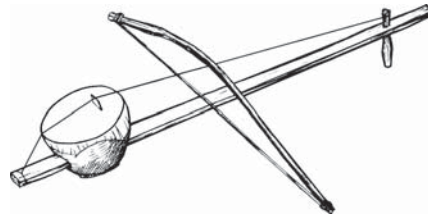
Air makes sound



Blowing

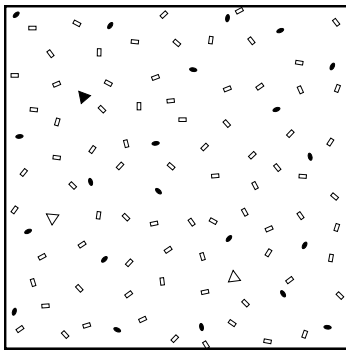


Beating



Vibrating Strings

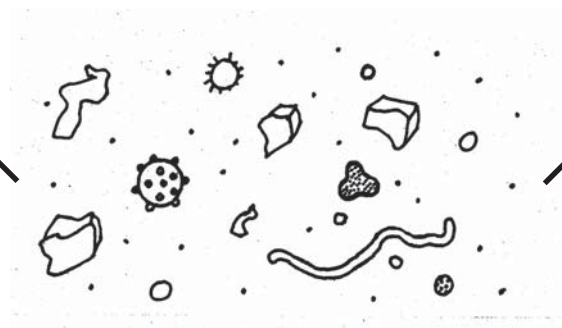




Air is made of different kinds of gases

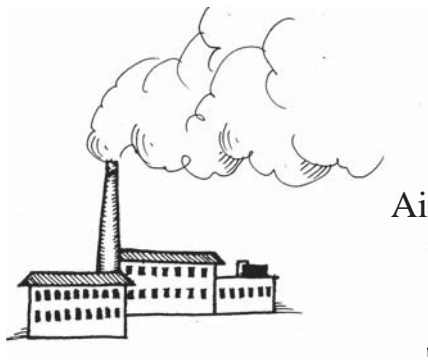


Living things take in and give out gases

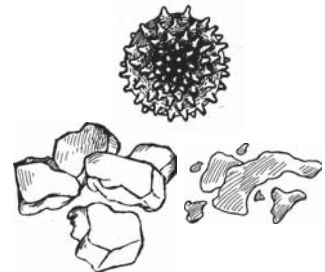


WHAT'S IN THE AIR?

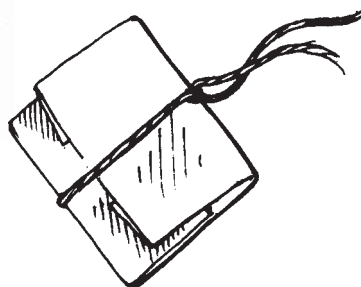
Burning things and factories take in and give out gases

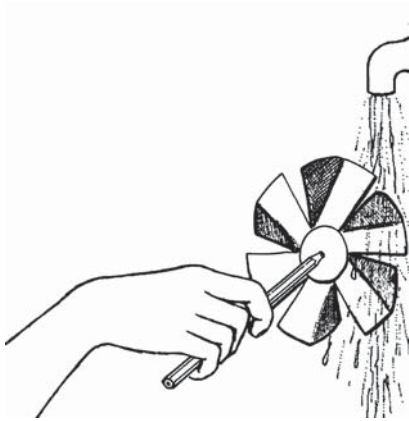


Air carries things that you cannot see

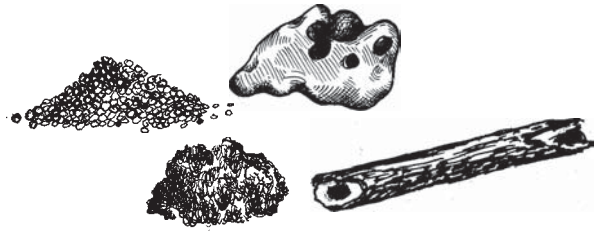


Air carries dust and smoke





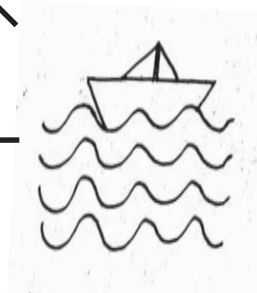
Water moves things



Things float, sink, mix or dissolve in water



Water flows down

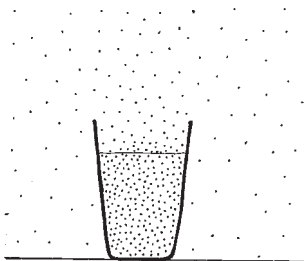


FUN WITH WATER



Water climbs

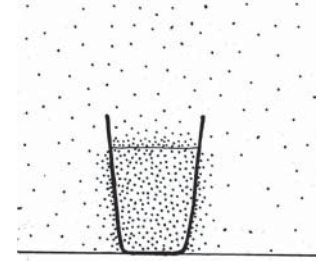
Water to vapour
Evaporation



Water cycle



Vapour to water
Condensation





Water in leaves

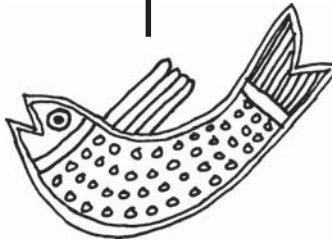


Water in flowers



Water inside our body

Water in living things



WATER AND LIFE



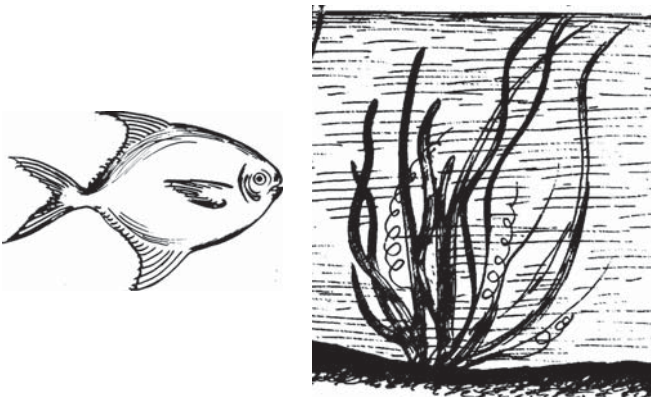
In ponds

Living things need water

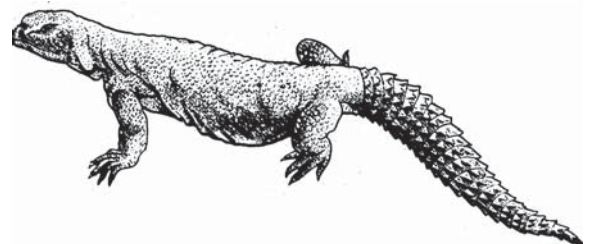
Some need more water

Some need less water

In seas

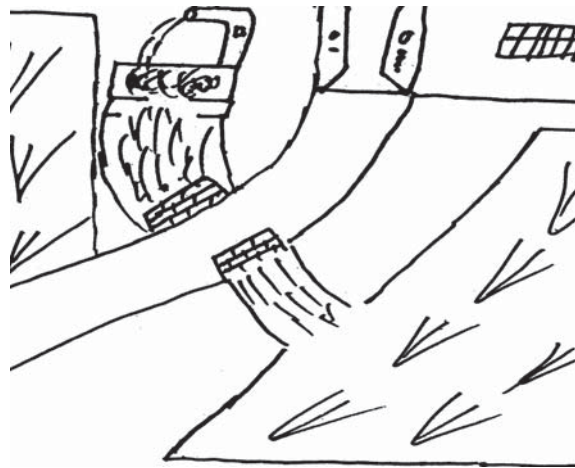


In deserts





We use water



Water for crops

Remove stagnant water



WATER AND US

Clean water

Save water!

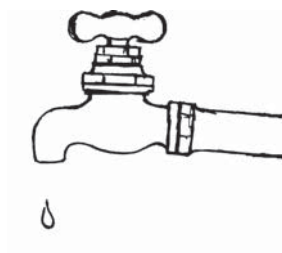
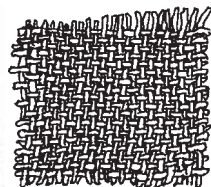
Decantation

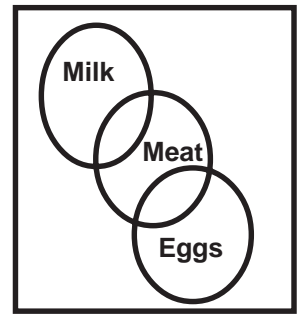
Filtration

Boiling

Avoid waste

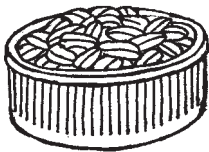
Plant trees





Food from animals

Which parts of plants do we eat?



Make flour



Growing rice

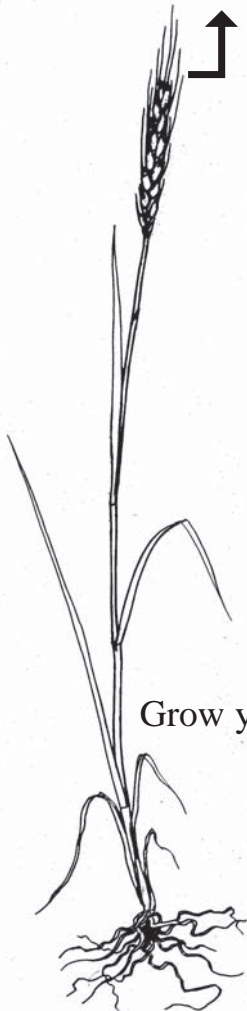
WHERE OUR FOOD COMES FROM

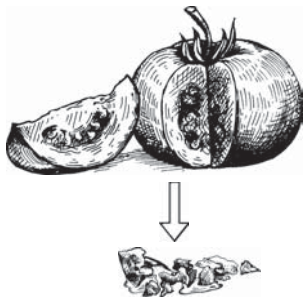
How crops are grown

Grow your own food

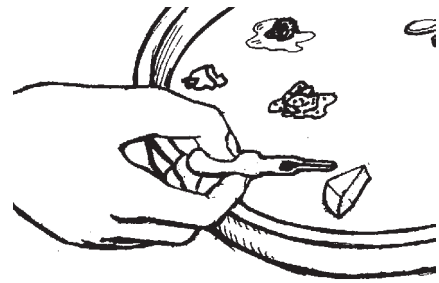
Pests and pesticides

Tools

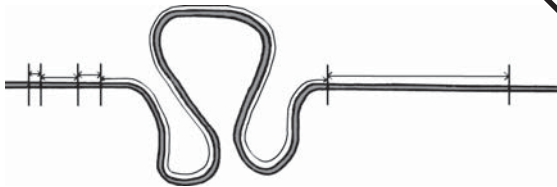




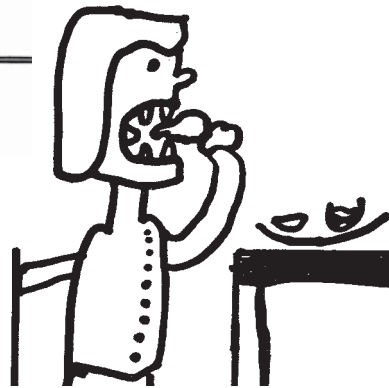
Digestion of tomato



Digestive juices break down food



How long is the digestive path?

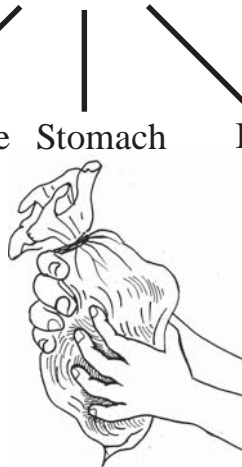


FOOD IN OUR BODIES



Food pipe

How food goes through the digestive path



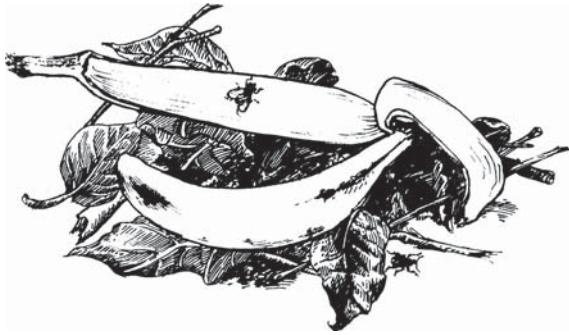
Stomach



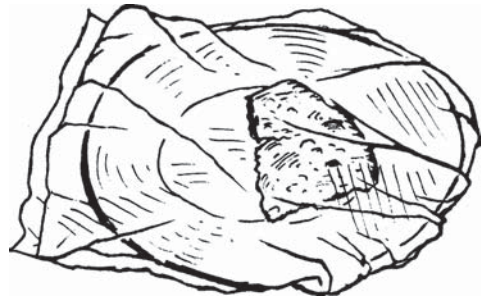
Intestine

Digestive path of other animals

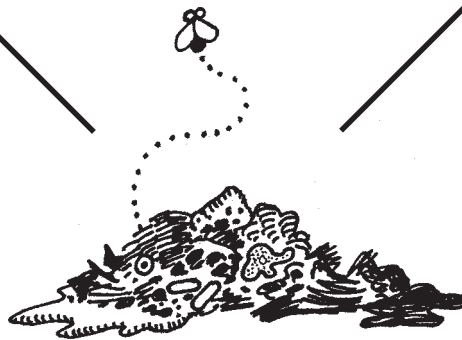




Who eats our wasted food?



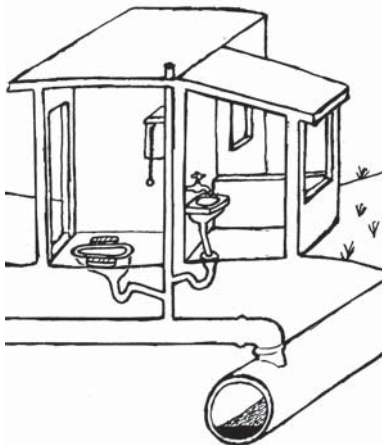
Microbes decompose food



WHAT IS THROWN OUT



Where does our waste go?



Microbes in our faeces
Wash your hands well



Multiplication of microbes

