

NATURAL SCIENCE -



MARCH

- DAY BY DAY



SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

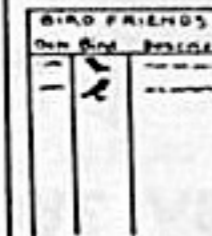
SATURDAY


NEW MOON MAR. 8


FIRST QUARTER MAR. 16


FULL MOON MAR. 23


LAST QUARTER MAR. 30



1 Start a "Bird Friends Return" calendar.



2 Grow a clump of moss in school in a soup plate.



3 Start a "Signs of Spring" bulletin board.



4 Who will report the spring frog chorus first?



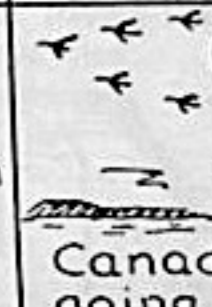
5 Garden shrubs will bloom quickly indoors in water now.



6 Watch for moths coming out of cocoons

7 Record:
Sun rises -- a.m.
Sun sets -- p.m.
Length of day -- hr -- min.

8 Write to National Parks of Ottawa, Canada, for "Attracting Birds with Food and Water" and "Bird Houses and Their Occupants."



9 Watch for the V-shaped flights of Canada Geese going north



10 The song sparrow is due



11 Place a twig bearing tent caterpillar eggs in water in the classroom.



12 Watch for the red-winged blackbird swaying on cattails



13 Make a home for a bluebird



14 Observe how the water in a stream wears, carries, and deposits soil.

15 Start the table here:

	MARCH		
	15	22	29
Sun Rises			
Sun Sets			
Length of day			



16 It's time for the meadowlark.



17 Learn of the Shamrock and St Patrick



18 Our orchard friend, the bluebird, settles in the new home.

Raccoon?
Chipmunk?
Bear?
Skunk?
Groundhog?
Bat?

19 List the winter sleepers that have come out.



20 From maple sap to maple sugar.



21 Start garden seeds indoors

Sun rises?
Sun sets?
Length of day?
Difference?

22 Add to the table started March 15. What changes?

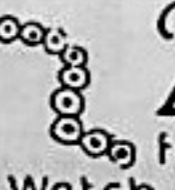


23 Prune back your roses 6"-8" from the ground

24 Place twigs of cherry, apple, plum in water for: robin, killdeer, grackle, cowbird, heron, brown creeper, phoebe.



25 Have you seen the mourning-cloak butterfly?



26 Look for frog's eggs. Watch a few develop in a jar of pond water in the classroom.



27 The chipmunk comes forth from his burrow.



28 The first wild flower - the skunk cabbage - a cousin of the calla lily.



29 Complete the chart started March 15. What conclusions?

30 Be sure that you water your garden seedlings thoroughly and as soon as dry looking.

31

Have your pupils build this calendar day by day on blackboard or chart

J.A. PARTRIDGE
Drawn by D. Farwell.

MAKE A SIMPLE "TELEGRAPH"

THIS DIAGRAM SHOWS THE METHOD OF WIRING. YOU CAN LEARN YOUR CODE WITH AN OUTFIT LIKE THIS.

HARD AND SOFT WATER:

PARTLY FILL TWO SIMILAR TUMBLERS WITH "CITY" WATER. DISSOLVE A TEASPOONFUL OF WASHING SODA IN B. NOW ADD TEN DROPS OF STRONG SOAP SOLUTION TO EACH. SHAKE THOROUGHLY.

Now, which is A and which is B?

SEEDS:

SOAK SOME BEANS IN WATER OVERNIGHT. THEN REMOVE THE SKIN FROM ONE OF THEM. SEPARATE THE HALVES. CAN YOU FIND THE TINY ROOT AND THE TINY LEAVES?

COVER A FEW SOAKED BEANS WITH MOIST BLOTTERS BETWEEN TWO PLATES. WHICH SPROUT FIRST - THE LEAVES OR THE ROOTS?

PLANT SOME BEANS IN MOIST SAWDUST. WHAT HAPPENS TO THE TWO HALVES OF THE SEED?

MAPLE SYRUP:

WHEN THE SAP BEGINS TO FLOW, TAP A HARD MAPLE TREE.

PUT A MEASURED AMOUNT OF SAP IN A SAUCEPAN AND BOIL THE SAP UNTIL IT BECOMES SYRUP. COOL MEASURE AGAIN.

ABOUT HOW MUCH SAP IS REQUIRED FOR EACH QUART OF SYRUP?

MAKE A CANDLE:

1. ROLL UP A TUBE OF HEAVY PAPER, ABOUT 1" IN DIAMETER AND 5" LONG. TIE IT.
2. FASTEN A STRING IN THE CENTRE OF THE TUBE.
3. STAND THE TUBE ON END IN A SOUP PLATE. FILL SLOWLY WITH MELTED WAX.
4. LET THE WAX HARDEN. REMOVE THE PAPER.

MATCHES

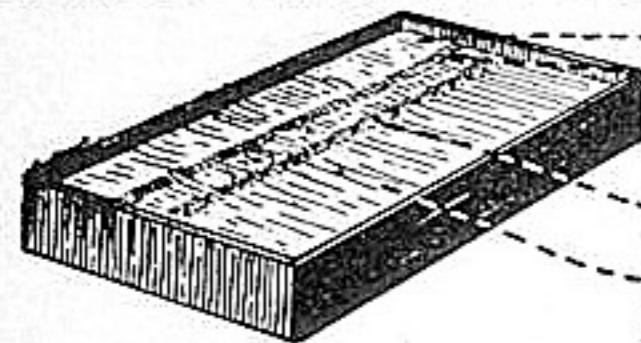
'MOSSES:

FETCH SOME MOSSES FROM THE WOODS.

PUT SOME OF THIS MOSS ON A PLATE IN THE CLASSROOM. KEEP IT MOIST. WHAT CHANGES TAKE PLACE AFTER A FEW DAYS?

BEAUTIFY YOUR SURROUNDINGS - MARCH

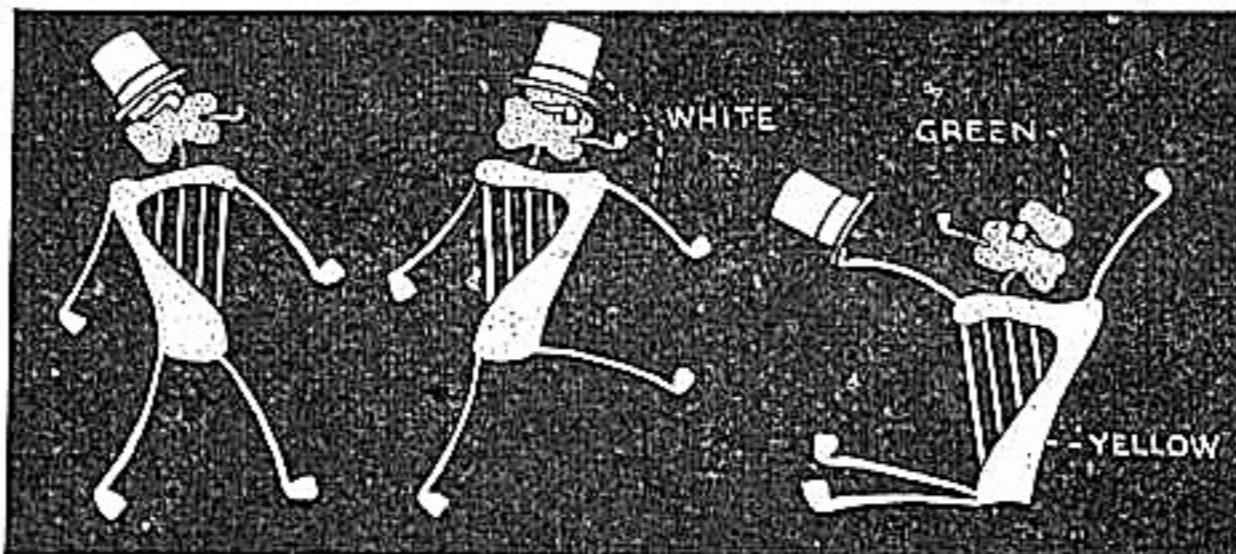
START SEEDS FOR THE GARDEN:



LEVEL THE SOIL
MAKE SHALLOW TRENCHES, ABOUT 1" APART, FOR SEEDS.
SPACE SEEDS ABOUT 1/2" APART.
SIFT SHALLOW COVERING OF SOIL OVER THEM
KEEP MOIST.



FINE COVERING SOIL
SEEDS
FINE SOIL
COARSER SOIL
STONES OR BROKEN POTTERY FOR DRAINAGE
DRAINAGE HOLES

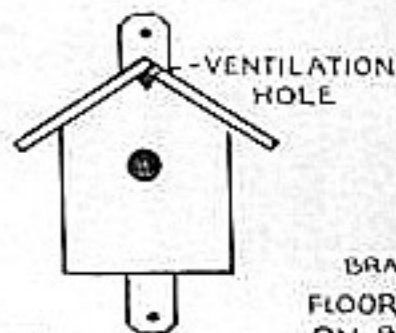


ST. PATRICK'S DAY MEN --
CUT PARTS FROM COLOURED PAPER.
PASTE ON CARTRIDGE PAPER. BLACK MAKES AN EFFECTIVE BACKGROUND

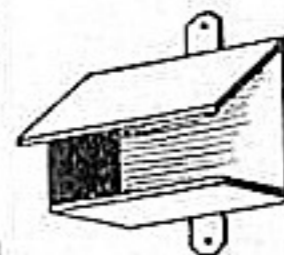
BIRD HOUSES TO MAKE:



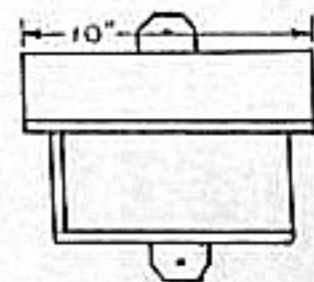
HOUSE WREN



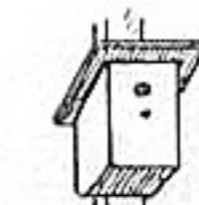
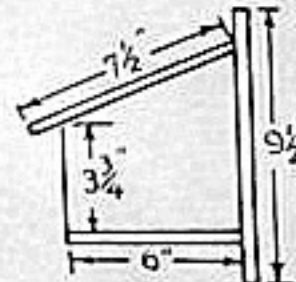
FLOOR - 4" x 4"
ENTRANCE - 7/8" HOLE, 2"-6" ABOVE FLOOR
TOTAL DEPTH OF CAVITY - 6"-8"
(OTHER DIMENSIONS TO SUIT)



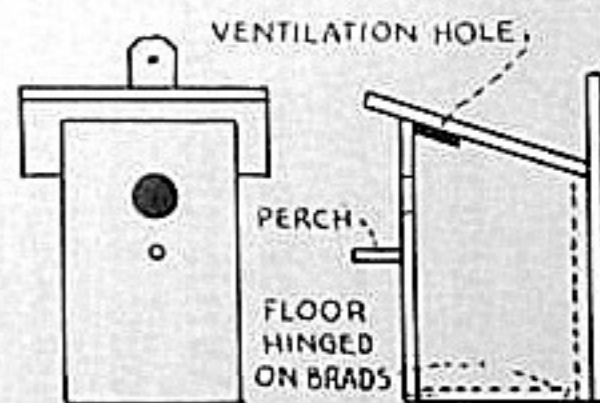
ROBIN



NOTE - ONLY THE BACK AND ONE END ARE CLOSED IN. SUGGESTED SIZES GIVEN

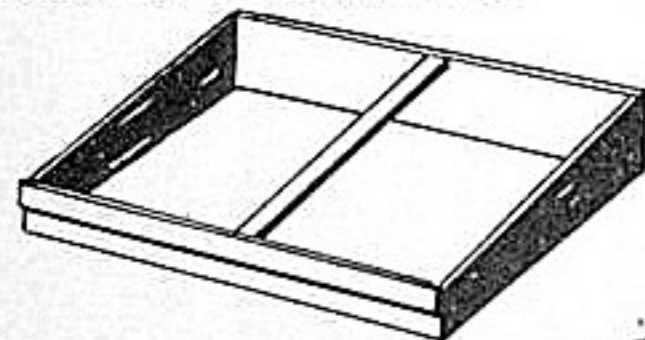


BLUEBIRD

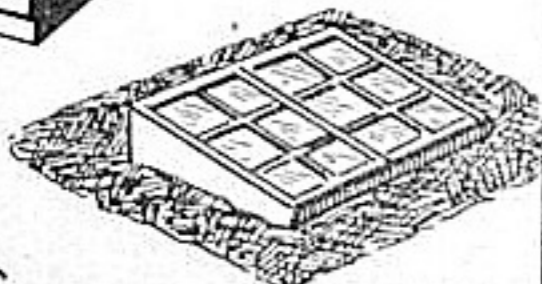


FLOOR - 5" x 5"
ENTRANCE - 1 1/2" HOLE, 6" ABOVE FLOOR
TOTAL DEPTH OF CAVITY - 8"-9"
(OTHER DIMENSIONS TO SUIT)

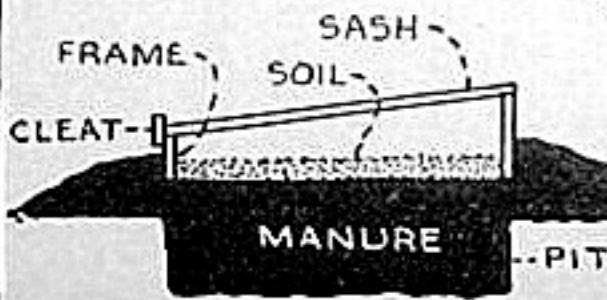
MAKE A HOTBED:



FRAME - SIZE TO SUIT YOUR SASH



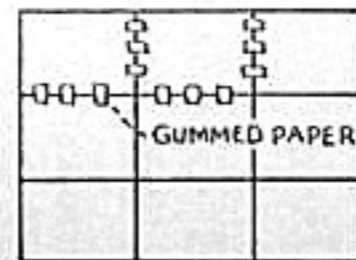
FINISHED



FOR CURRENT EVENTS

A HELPFUL MAP OF THE WAR THEATRE CAN BE MADE BY USING POSTER COLOURS ON A LARGE SHEET OF PAPER.

BY ASSEMBLING 9" x 12" ART PAPER AS SHOWN AT RIGHT, MAPS CAN BE MADE ANY SIZE DESIRED.



MAPS CAN BE FOLDED

BORDER DESIGNS

