

BOTANY

EXPERIMENTAL GREENHOUSE

SCIENCE KIT



WARNING.

- »» Not suitable for children under 5 years.
- »» For use under adult supervision.
- »» Read the instructions before use, follow them and keep them for reference.

>>> KIT CONTENTS



Checklist: Find – Inspect – Check off

✓	No.	Description	Quantity	Item No.
<input type="radio"/>	1	Greenhouse base	1	708733
<input type="radio"/>	2	Greenhouse domes	1	708734
<input type="radio"/>	3	Plant pot	7	705804
<input type="radio"/>	4	Measuring cup (100 ml)	2	708166
<input type="radio"/>	5	Measuring cup (30 ml)	3	065100
<input type="radio"/>	6	Soil pellet	6	773001
<input type="radio"/>	7	Cress seed packet	1	705133
<input type="radio"/>	8	Zinnia seed packet	1	711561
<input type="radio"/>	9	Pea seed packet	1	717945
<input type="radio"/>	10	Drinking straw	5	705325
<input type="radio"/>	11	Yarn	1	702751
<input type="radio"/>	12	Pipette	2	232134
<input type="radio"/>	13	Thermometer	1	702280
<input type="radio"/>	14	Wooden stick	6	705296
<input type="radio"/>	15	Wooden spatula	2	000239
<input type="radio"/>	16	Plaster gypsum (bag)	1	771052
<input type="radio"/>	17	Paper sheet of cut-outs	1	711482

GOOD TO KNOW!

>>> If you are missing any parts, please contact Thames & Kosmos customer service.

Any materials not included in the kit are marked with this symbol **+** under the "You will need" heading.

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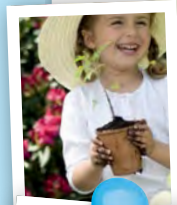
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You will also need: Paper towels, knife, scissors, colored pencils, tape, watercolor paints, paintbrush, toothpicks, paper, drinking glass, empty yogurt container, shoe box, cardboard, old nylon socks, old wool socks, salt, water, dish liquid, fruits and vegetables (e.g. avocados, lemons, peppers), plant seeds from hardware store or garden center, soil

Dear Kids!

Allow us to introduce ourselves: We are Peter Pepper, Edgar Eggplant, and Carrie Carrot. The three of us will be guiding you through this manual.



Peter Pepper will explain what is actually going on in the experiments and what you can learn from them.

Edgar Eggplant will be warning you about possible dangers. Whenever you see him, it means "Heads up! Keep your eyes open!" He will also give you a few handy tips.



Carrie Carrot will tell you a lot of fun and interesting things!



Have a good time in the amazing world of plants!

Your friends,
Carrie, Peter & Edgar

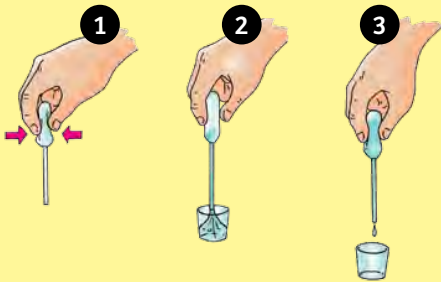


Watering

When you water, you have to be very careful not to wash away the seeds or disturb the seedlings. It's easiest if you use a pipette.

How to use a pipette:

- 1 Squeeze the top part of the pipette between your thumb and forefinger and dip the pipette in the water.
- 2 As soon as you loosen the pressure, the liquid will rise up the pipette.
- 3 Then, by reapplying pressure carefully, you can squeeze the water out drop by drop.



Wouldn't you like to have an automatic watering system? Then take a look at Experiment 9.



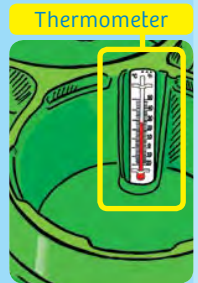
Important! Make sure that your young plants always have moist soil! That is very important. To help you remember, you will find little watering cans on the cutout sheet.



Cut them out and tape them in a location where you will often look: on your bedroom door, for example, or the bathroom mirror.

Temperature

Place the thermometer in one of the specially-designed compartments and check the temperature regularly.



If it gets too hot, open the ventilation slots and/or set the greenhouse in a shadier location. If it's too cool, look for a spot with more sun and close the ventilation slots. You can also compare the temperature under the dome with the temperature outside it.



My herb garden

YOU WILL NEED

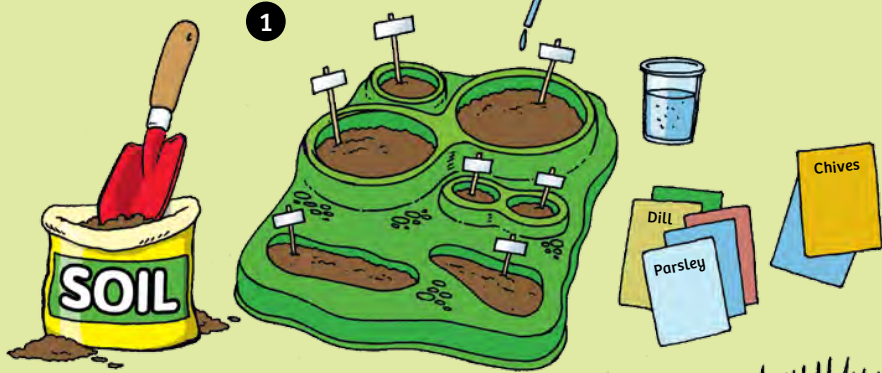


- + Soil*
- + Small scoop or old spoon
- + Herb seeds
- + Water
- + Tape

*Use a high-quality potting soil, as normal potting soil often contains too much fertilizer. Always water the soil so that it is only slightly damp. Make sure the soil is not sopping wet.



Use the blank plant labels from the cut-out paper sheet to label the herbs in your garden.



You can also use your greenhouse as an herb garden. You're already an expert at growing cress. Now you can try your hand with parsley, chives, dill, and a variety of other herbs.

