

stepping into science



guidebook



your experiment kit contains the following items:

Description	Quantity	Item No.
Paper sheets (1 sheet for cutting and 2 sheets for paper airplanes)	1	703 545
2 Cardboard cutout sheet	1	703 546
3 Garden cress seed	1	532 122
4 Plastic dish (2 halves)	1	702 184
6 Magnifying glass	1	311 137
6 Flexible straw	2	529 118
7 Straw	6	000 414
8 Clay pot	1	121 816
9 Plastic bag	1	703 547
Disk/Top	1	703 548
Sundial	1	259 181
Plastic stick	1	700 401
Rubber band	5	700 420
4 Styrofoam ball	1	700 080

Des	scription	Quantity	Item No.
(Paper bag	3	700 083
16	Paper clip	2	020 040
Ø	Suction cup	1	700 181
18	Blotting paper	1	000 569
Ø	Soap bubble ring	1	000 583
20	Modeling clay	1	000 588
a	Wool thread	1	702 751
22	Small styrofoam soap boat	1	700 633
23	Pipette	2	232 134
24	Measuring cup	2	061 150
2 5	Measuring cup lid	2	061 160
26	Bag with air balloons	1	703 549
7	Styrofoam air cushion boat and styrofoam disk	1	700 088
28	Funnel	1	700 364

The right to technical alterations is reserved.

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the cress garden





1. Tear a paper towel into small pieces. They should be about the size of the plastic dish. Place four or five of the paper pieces in the dish. Open the seed envelope, spread some seeds onto the paper, and drip water onto the towels until they are soaked.



2. Place the plastic dish on the windowsill and observe the seeds every day with the magnifying glass. After about three days, the first sprouts will appear. These will quickly grow to small plants. Don't forget to give the sprouting seeds water. The paper must never dry out.

what happened?



As long as the garden cress seeds are dry, they do not germinate, or start to grow. Only when they come in contact with water will the seeds swell and begin to grow. The seeds contain all the important nourishments that the young plants need for their first growth. The cress will get the rest from the water and the air. Garden cress is very healthy and contains many vitamins that we need daily. In addition, the young sprouts taste very good. Therefore, many people plant cress regularly to eat it in salads.

continue to experiment

At a greenhouse or garden store, get some more seeds, such as radish or bean seeds. Sprout these as you did the garden cress. Observe with the magnifying glass whether they germinate and whether they grow faster or slower.