



**Peg Basket**

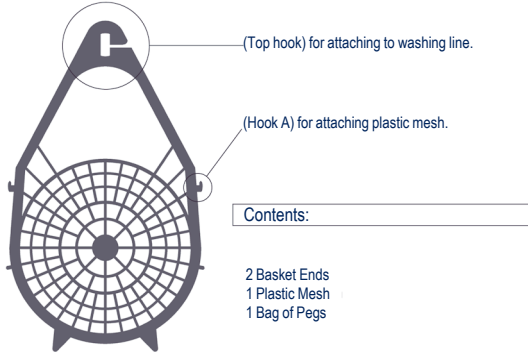
**Approach:** Independent

**Level:** Year 4 and year 8

**Focus:** Explaining design features of a plastic peg basket.

**Resources:** Plan, peg basket kitset, pegs.

**Peg Basket Instruction Sheet**

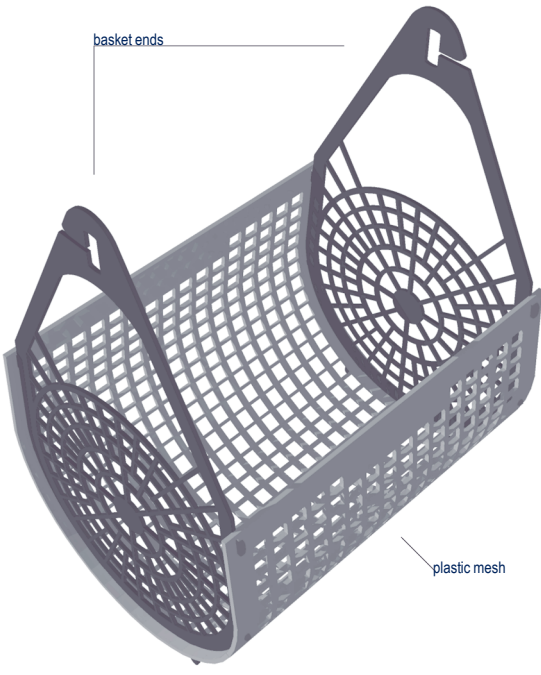


**Contents:**

- 2 Basket Ends
- 1 Plastic Mesh
- 1 Bag of Pegs

**Instructions**

- (1) Attach the plastic mesh to one of the basket ends starting at Hook A (see diagram).
- (2) Wrap the mesh around the end.
- (3) Put the feet of the basket end through their slots in the mesh.
- (4) Follow the same instructions to attach the other basket end.
- (5) Make sure the top hooks face opposite directions.



**Constructed Peg Basket**

**Questions/instructions:**

Make up the peg basket so that it looks like the plan.  
 Ask the teacher if you need help.  
 Think about why the basket has been designed like this.  
 Write answers to the questions.



	% responses	
	y4	y8
Why has plastic mesh with holes been used?		
mesh lets rain/water air through	31	64
plastic doesn't rust	2	3
plastic is flexible	4	7
Why do the top hooks go opposite ways?		
less likely that basket will fall off line	40	61
Why does the basket have legs?		
can sit well on ground or table	88	95
Why is it brightly coloured?		
attractive, highly visible	73	87

	% responses	
	y4	y8
Why isn't the basket made up before it is sold in the shop?		
package takes less space/packaging	32	60
reduce labour/manufacturing costs	4	7
reduce shipping costs	0	4
less damage in transit	11	16
Why is the basket rounded?		
easier to assemble	4	14
easier to use	9	19
looks attractive	1	5
fewer corners to damage clothes	0	3
<b>Total score: more than 6</b>	1	6
	5-6	12
	3-4	51
	0-2	36

**Commentary:**

About 40 percent more year 8 than year 4 students performed well on this task.