



# Pathfinder Honour: Workbook

## Grasses



Name:

Club:

Date Started:

Date Completed:

Instructor Name:

Signature:

Club Director's Name:

Signature:

Please Award Patch:

Date:

To be signed by Authorised Person (ie District Director for Pathfinders) after satisfactory completion. Leaders, please see the Assessment Sheet for a checklist of practical requirements and a short test to check knowledge of honour.

Date Patch Presented

# Grasses Honour

## Requirement 1

a. What is the scientific classification of the grass family?

Kingdom	
Division	
Class	
Order	
Family	

b. Give a general description of grasses

c. What characteristics must a plant have to qualify as a grass?

**Requirement 2** What kind of roots do all grasses have?

**Requirement 3** About how many species around the world are there in the grass family called Gramineae or Poaceae?

## Grasses Honour

**Requirement 4** Do the seeds of grasses have two halves as in the bean (a dicotyledon), or does the seed consist of just one part as in the lily, date, and coconut (monocotyledons)?

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**Requirement 5** What unique characteristic in the growth of grass leaves makes it possible for the plant to flourish even though continually mowed or grazed?

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**Requirement 6** Name three annual grasses, that is, grasses that sprout from seeds, blossom, bear seeds, then die the same summer.

a.	
b.	
c.	

**Requirement 7** Name three perennial grasses, that is, grasses whose roots live on from year to year although the top dies down to the crown each autumn.

a.	
b.	
c.	

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**Requirement 8** In each of the following cases name a single grass, or more where indicated, from which the product is made:

	<u>Product</u>	<u>Grass</u>
a.	Bread (three grasses)	
b.	Porridge	
c.	Brooms	
d.	Molasses	
e.	Fishing rods	
f.	Oatmeal	
g.	Gluten	
h.	Starch	
i.	Grain alcohol (two grasses)	
j.	Sugar	
k.	Hay	
l.	White Flour	

**Requirement 9** Do one of the following:

**a. Collect and correctly label ten cultivated grasses.** Note: It is recommended that you collection is kept separate to your workbook.

*or*

**b. Write an essay on the various uses of grasses by different people around the world.**

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**Requirement 10** Press, mount, and correctly label the flower stalks or seed stalks of five pestiferous grasses that are commonly considered to be weeds. Note: It is recommended that your collection is kept separate to your workbook.

**Requirement 11** In addition to your collection of flower or seed stalks of pestiferous kinds, press, mount, and correctly name the flower stalks or seed stalks of ten additional grasses that grow in your neighbourhood. This collection may include the plants whose seeds are in your collection of cultivated grasses. Note: It is recommended that your collection is kept separate to your workbook.