GARDENING

Leaders Signature:_

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Name: _	Club:	Date	Leaders Initials
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Guideli	nes for Project Proficiency Award		
BEGIN	NING		
1. S	tart a small garden		
2. S	tart at least three of your plants from seed.	•	
3. N	Name the three layers of soil.		
4. N	Name the particles that make up the three layers of soil.		
5. N	Name three root vegetables and tell what makes them a root.		
	Know the life cycle of a plant starting with seed and ending with mature plant.		
	Explain the basics of photosynthesis.		
	Name the male and female part of a flower.		
	Discuss why air, water, and light are important to your plants.		
	Name two pros of a chemical pesticide.		
	Name two cons of a chemical pesticide.		
	Find and use an organic way of fighting insect pests.		
	Make a poster with something to do with gardening.		
	Then enter it in the fair or talk about your poster in front of a group.		
	Give a demonstration at County Field Day.		

GARDENING

Name:	Club:	Date	Leaders Initials ·
Guidelines for Project	Proficiency Award		
INTERMEDIATE			
1. Name parts of a p	plant.	'	
2. Name four plant	growth factors.		
3. What effect do the	nese four growth factors have on the plant?		
4. Add four more ty	pes of plants to your garden.		
5. Explain the purp	ose of the cotyledon(s).	***************************************	
6. Why are diseases	s a problem in growing plants?		
7. Explain what is n	neant by perfect and imperfect flowers.		
8. Collect seeds of	vegetables, field crops, flowers, shrubs and trees.		
Save seeds from	fruit of tomato, apples, etc.		
9. Mount and label	the seed you have collected.	-	National Advances of the Assessment
10. Experiment wit you prefer and	h at least two types of fertilizer, then tell which why.		
• •	t way animals and plants tend to balance each		
	er at least five of your home grown vegetables in a fair.	,	***************************************
	store and record the different varieties of the same		
•	le offered (example: red, yellow, eating, cooking).		
· · · · · · · · · · · · · · · · · · ·	naving something to do with gardening. Then enter it in		***************************************
-	about your poster in front of a group.		
	stration at County Field Day.		***************************************
15. Give a demon	on anon at County I lote Day.		-

GARDENING

Jame Suide	: Club: elines for Project Proficiency Award	Date	Leaders Initials
ADVA	ANCED		
1.	List four types of plant diseases and tell how to control them.	-	
2.	Name parts of the flower and tell their functions.		
. 3.	Explain sexual and asexual reproduction of a plant.		**************************************
4.	Cross breed a plant (example: crossing a pumpkin with a spaghetti squash).	-	
5.	Try propagation by rhizomes or stolons and then discuss it.		
6.	Explain in your own words how fertilizer helps to grow plants.		
	Also list any precautions that you think should be taken when using fertilizer.		
7.	Write 300 words about plant growth factors or destruction of		
	plants by animals.		
8.	Have your soil tested and see what needs to be improved.		
	Keep a list of cash expenses, time and labor charges. At the end of the		
	growing season compare your crop yield to your expenses.		
10	Give a demonstration at County Field Day		

Leaders Signature:_____ Date:_____

PPFORMS/927LSR