Critical Thinking Skills

Ecosystems

	Reading Comprehension									
Skills For Critical Thinking		Section 1	Section 2	Section 3	Section 4	Section 5	Section 6	Section 7	Section 8	Hands-On Activities
LEVEL 1 Knowledge	 List Details/Facts Recall Information Match Vocab to Definitions Define Vocabulary Label Diagrams Recognize Validity (T/F) 	1111	1 1 1	\ \ \ \ \ \ \ \ \	1111	1	1	1 1 1 1	1 1	✓ L
LEVEL 2 Comprehension	 Demonstrate Understanding Explain Scientific Causation Rephrasing Vocab Meaning Describe Classify into Scientific Groups 	/	K	Ý		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4	1	\ \	1
LEVEL 3 Application	 Application to Own Infe Model Scientific Proce Organize of Classics Facts Utilize Alternative Research Tools 	\ \ \	1	1	1	1	1	1	\ \ \ \ \	~
LEVEL 4 Analysis	 Distinguish Roles/Meanings Make Inferences Draw Conclusions Based on Facts Provided Classify Based on Facts Researched 	1	1	\ \ \ \ \ \		1	1	J	✓	<i>y</i>
LEVEL 5 Synthesis	 Compile Research Information Design & Application Create & Construct Imagine Self in Scientific Role 	111	1	> >	111	1	✓ ✓	111	< <	√
LEVEL 6 Evaluation	 State & Defend an Opinion Justify Choices for Research Topics Defend Selections & Reasoning 	1	1	1	1	1	1	1	✓	<i>,</i>

Based on Bloom's Taxonomy







The Rabbit Bean Population!

YOU WILL NEED:

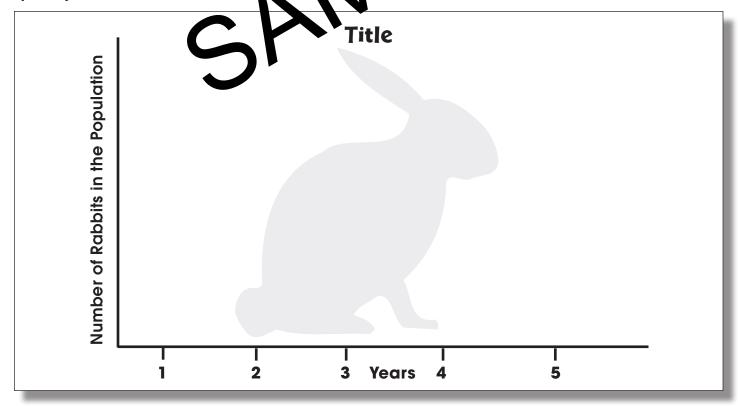
- Two colors of dried beans
 - Graph paper
 - Pencil or marker

Begin with two beans. You should have two different colored beans. One bean is a **male** rabbit and the other color bean is a **female** rabbit.

You are now going to **record the rabbit population for the next five years**. You won't be spending five real years on this project, don't worry!

Each year, each pair of rabbits gives birth to two rabbits — one male and one female. **SET UP A GRAPH** to record how the rabbit population will grow Each year you will add beans to your population pile. These beans will be the new rabbit that are born each year. Record the numbers on your graph paper.

How many rabbits are in the population other the years? Remember: after the first year, there are many pairs that will give by to two new rabbits. The population will grow quickly!



Food Chain

