

Name _____



Magic Beans Problem Solving

Use these two pages to guide you through the stages of problem solving.

Hmm, I wonder what will happen if...

Plant a Question

I think... the more I water plants, the faster they'll grow

Sprout a Hypothesis

What steps will I take to find the answer?

Describe Your Growing Exploration

Which is the control group?

Oh, I need to remember to change only one factor and keep the others constant!

Let's see... what materials will I need?

What will I observe? How often?

Did I remember repetition? Did I remember repetition?

Record Fruitful Observations:

(attach all record sheets)

Harvest Your Findings:

What happened?
How can I explain it?

Oops, maybe I
should be more
careful about...

On Growing Review:

What else could have
affected my results?

Next time, I'm
going to...

Cultivating New Ideas

This makes me
wonder about...

I still have
questions about...

Now I would
like to try...