

# Great Classroom Idea



Grade level: Elementary/Middle School

Subject (if applicable): Science

## Please check all that apply:

- |   |   |
|---|---|
| <input type="checkbox"/> lesson plan                            | <input type="checkbox"/> project-based teaching/activity idea |
| <input type="checkbox"/> technology integration idea            | <input type="checkbox"/> graphic organizer                    |
| <input type="checkbox"/> integration of faith and learning idea | <input type="checkbox"/> webquest                             |
| <input type="checkbox"/> classroom management technique         | <input type="checkbox"/> virtual field trip                   |
| <input type="checkbox"/> devotional                             | <input type="checkbox"/> bulletin board idea                  |
| <input checked="" type="checkbox"/> science demo or experiment  | <input type="checkbox"/> critical thinking strategy           |
| <input type="checkbox"/> assessment tool                        | <input type="checkbox"/> original classroom game              |
| <input type="checkbox"/> relationship-building idea             | <input type="checkbox"/> other: _____                         |

## Description: (attach supplementary materials if needed)

### Science Experiment: Planting Potatoes

1. Give each student a sturdy, dark-coloured plastic bag. I purchased large, black, heavy-duty garbage bags, and using duct tape, divided each one into four.
2. Have students fill their bags with a dirt/peat moss mix.
3. Give each student a seed potato to plant in their bag of dirt. Water it. Label each bag with student's name.
4. Using a skinny screwdriver, poke 8-10 holes in the bottom for drainage.
5. If you plant these potatoes in early June, students will see the seedlings poke through the soil before school ends for the year. They can anticipate the end results when they return in September.
6. When school resumes, have students carefully slice their bags open, see how their potato has multiplied, and get a cross-section view of their potato plant from tip to root.

Submitted by: April Cottreau

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