

How to Germinate Radish Seeds (5 Days Before Lesson 2)

In Lesson 2 of the *Evolving Minds* science unit, your class will look closely at radish seeds as they begin to grow (germinate).

Please note: Each class will be provided with petri dishes and radish seeds.

You are expected to provide: tap water and paper towels and scissors to cut out paper towel discs that fit in the bottom of a petri dish.

Timing

Please germinate your radish seeds 5 days before Lesson 2.

Materials (per group of 3-4 students): 1 petri dish
About 10 radish seeds

Materials (per class): Paper towels
Scissors
Tap water

Steps

1. Assemble three layers of paper towel. Trace the bottom (smaller) part of the petri dish on the top paper towel. Cut out three paper towel circles to make paper discs that will lie flat in the bottom of the petri dish.
2. Put 3 paper towel discs in the bottom (smaller part) of the dish.
3. Pour some water on the paper towels so they are soaked through. Pour off extra water so there is just a little standing water on the bottom of the dish.
4. Spread about 10 seeds on top of the wet paper towels in the dish.
5. Put the cover on the dish (the cover will hang over the bottom of the dish).
6. Check the petri dishes daily to ensure they are moist. If they begin to dry out, add enough water to moisten the paper towels. .



OPTIONAL: Students may find it interesting to observe how the seeds change over the 5 days. Optional observation sheets are attached if you would like your students to observe and draw the germinating plants.

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