



Wisconsin Fast Plants® Dihybrid Genetics Kit Scheduler for [Guest Hollow's Biology Curriculum](#)

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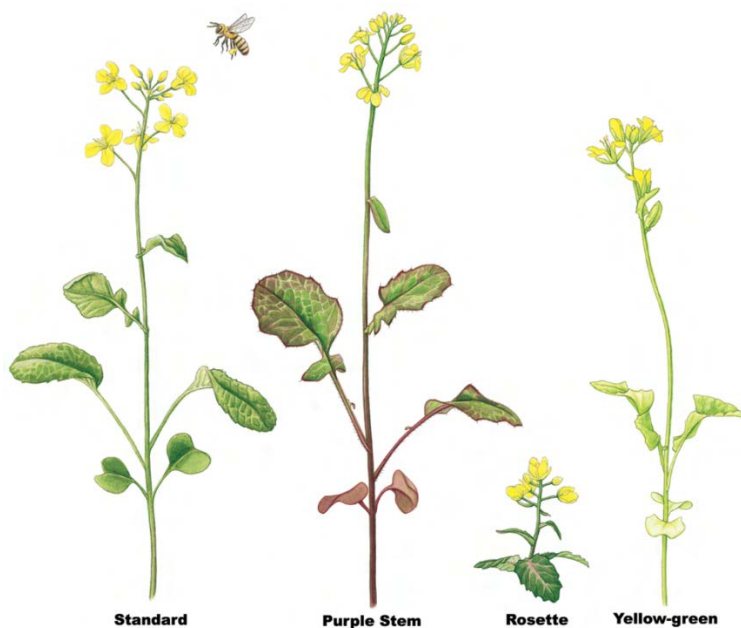
[Fast Plant Life Cycle 32-page Packet](#)

[Brassica Rapa Stock Description: F1 and F2 Non-Purple Stem, Yellow-Green Leaf Stocks](#)
(Mendelian Genetics Dihybrid Cross Diagram)

Want to use seeds instead of a kit? Check out: <https://fastplants.org/shop/>

Additional optional activities:

[Exploring Photosynthesis with Fast Plants](#)



Wisconsin Fast Plants® Dihybrid Genetics Kit Scheduler for Guest Hollow's Biology Curriculum

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<p>*This investigation occurs over either 45 or 85 days depending on which experiment you choose. I'm going to schedule in the experiment that observes 2 generations of plants (45 days). You can easily extend the experiment out for a 3rd generation, if desired.</p> <p><u>How to grow</u> (instructions for building a light box, etc.)</p> <p>Today you will need to build your grow-box.</p>			<p>Day 1 instructions (plant 4 cells with the 2 types of seeds)</p> <p>*Plant extra plants that are set a little aside for the pollination biology experiment controls. 4 should be enough.</p> <p><u>Fast Plant life cycle</u> Read p. 6-9 and do the germination activity. Activities: Observe, measure, record growth, graph</p>	Day 2	Day 3	Day 4

<p>Day 5 Day 4-5 instructions (thin)</p> <p><u>Fast Plant life cycle</u> p. 10-13 Growth and development Activities: Record observations and measurements on the Tracking Growth and Development sheet Make life size sketches</p>	<p>Day 6 Optional activity: <u>Exploring Photosynthesis</u></p> <p>Supplies: 3-4 seedlings Baking soda Straw 35 mm film can (or similar) 5 ml syringe</p>	Day 7	Day 8	Day 9	Day 10	Day 11
<p>Day 12 Day 12-14 instructions (pollination barrier) Make bee sticks.</p> <p>Read the pages from: <u>Pollination biology</u></p>	<p>Day 13 <u>Fast Plant life cycle</u> p. 14-17 Flowering Activities: Dissect a Brassica flower, label the diagram</p>	<p>Day 14 Day 14-18 instructions (pollinate with a bee stick or cotton swab)</p> <p><u>Fast Plant life cycle</u> p. 18-23 Pollination Activities: Illustrate a Brassica flower and bee, label the parts of a bee on the diagram (this activity is also listed in the bee's topic)</p>	Day 15	Day 16	Day 17	Day 18

Day 19 Day 19 <u>Fast Plant life cycle</u> p. 24-30 Activities: Seed dissection and sketching, record pistil length on a data sheet	Day 20 Day 20-45 instructions (Remove new buds & side shoots, keep watered and growing while seeds mature. Dry and harvest seeds (p. 11 of growing instructions booklet)	Day 21	Day 22	Day 23	Day 24	Day 25
Day 26	Day 27	Day 28	Day 29	Day 30	Day 31	Day 32
Day 33	Day 34	Day 35	Day 36	Day 37	Day 38	Day 39
Day 40	Day 41	Day 42	Day 43	Day 44	Day 45	
Day 1 Day 1 2nd generation instructions	Day 2	Day 3 Day 3-5 2nd generation instructions	Day 4	Day 5		

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