Draw a Bean Sprout: Three Growth Stages from Seed to Young Plant

Original task 1 / independent drawing and calculation

Task 1

Draw Stage 1 only: a bean seed 3 cm tall and 4 cm wide with a root 4.5 cm long. Use a solid outline, a dashed seed-coat split, and a dotted center guide. Label the seed and root.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

Draw Stage 2: a seed placed higher in the panel, a stem 2 cm tall, two rounded cotyledons, and a root 6 cm long. Keep the same line convention and label the cotyledons.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

Draw Stage 3: a tapered stem 4 cm tall, two cotyledons slightly larger than in Stage 2, and a root 8 cm long. Use a shared ground line and label the stem and root.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

Create a three-panel sequence using hypothetical lengths: Stage 1 root 4 cm, Stage 2 root 6 cm, Stage 3 root 8 cm. Stems: Stage 2 is 2 cm, Stage 3 is 4 cm. State your line convention at the top and label each stage.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.

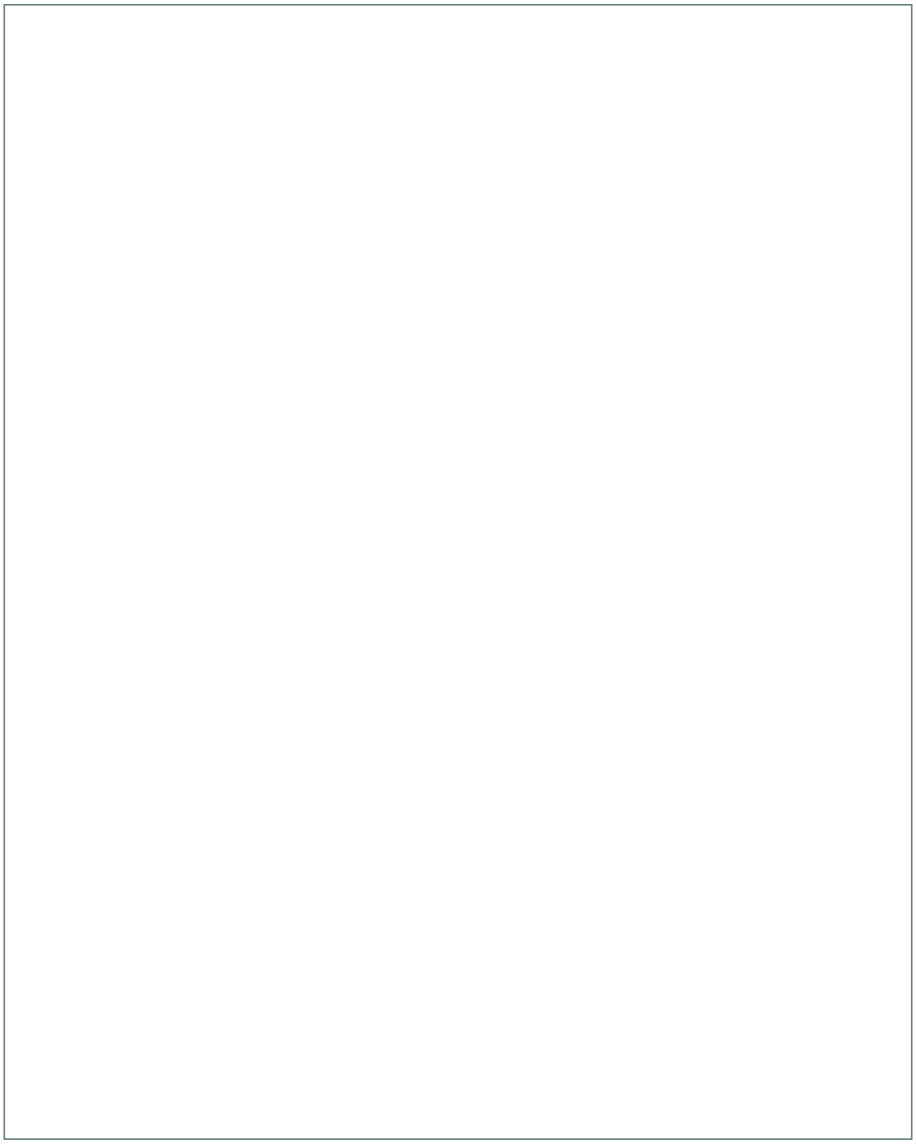
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Task 1 / practice

Early bean stages / hypothetical cm dimensions print 1:2 / roots measured along dotted guide

Draw the assigned stage. Keep the cotyledons actually attached to the stem node. The root begins below the shared ground datum; do not draw another intact seed beneath the cotyledons.

Blank work field / nominal 120 x 150 mm / printed 1:1



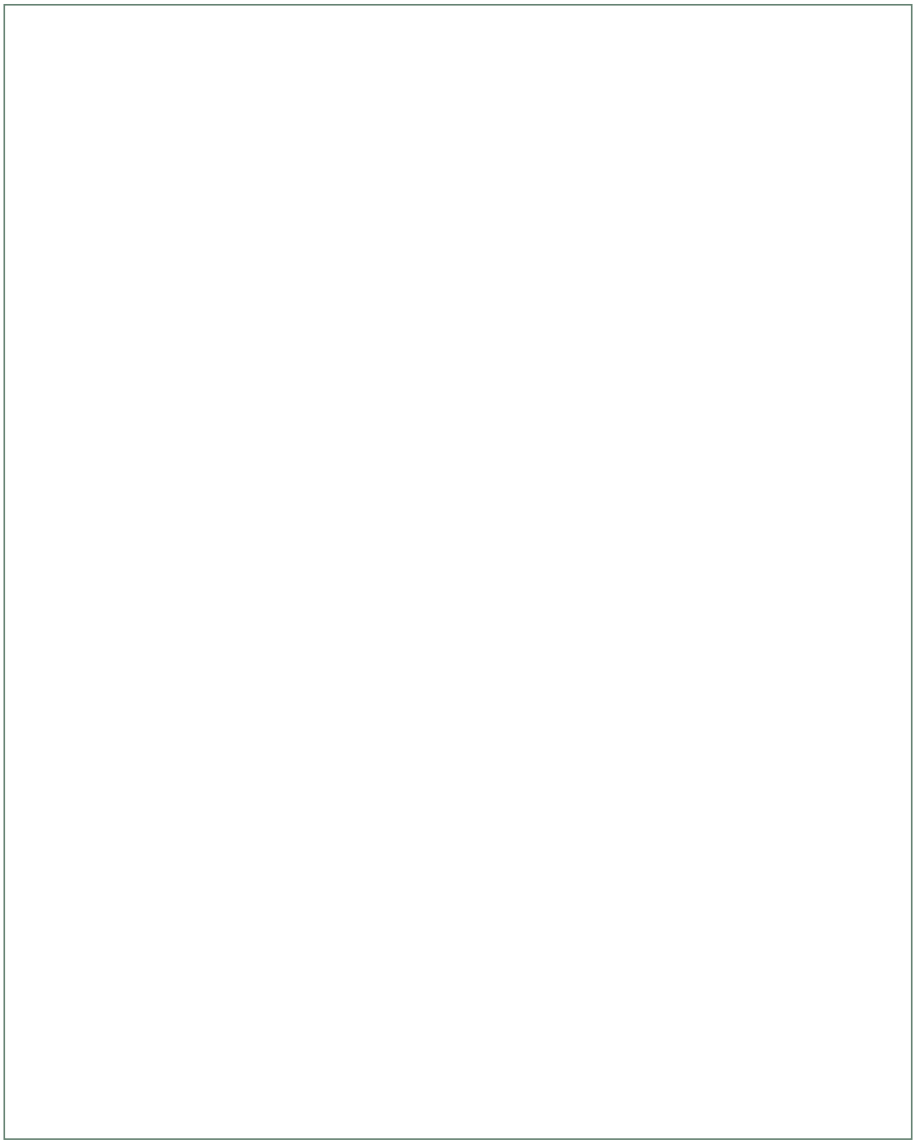
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Task 2 / practice

Early bean stages / hypothetical cm dimensions print 1:2 / roots measured along dotted guide

Draw the assigned stage. Keep the cotyledons actually attached to the stem node. The root begins below the shared ground datum; do not draw another intact seed beneath the cotyledons.

Blank work field / nominal 120 x 150 mm / printed 1:1



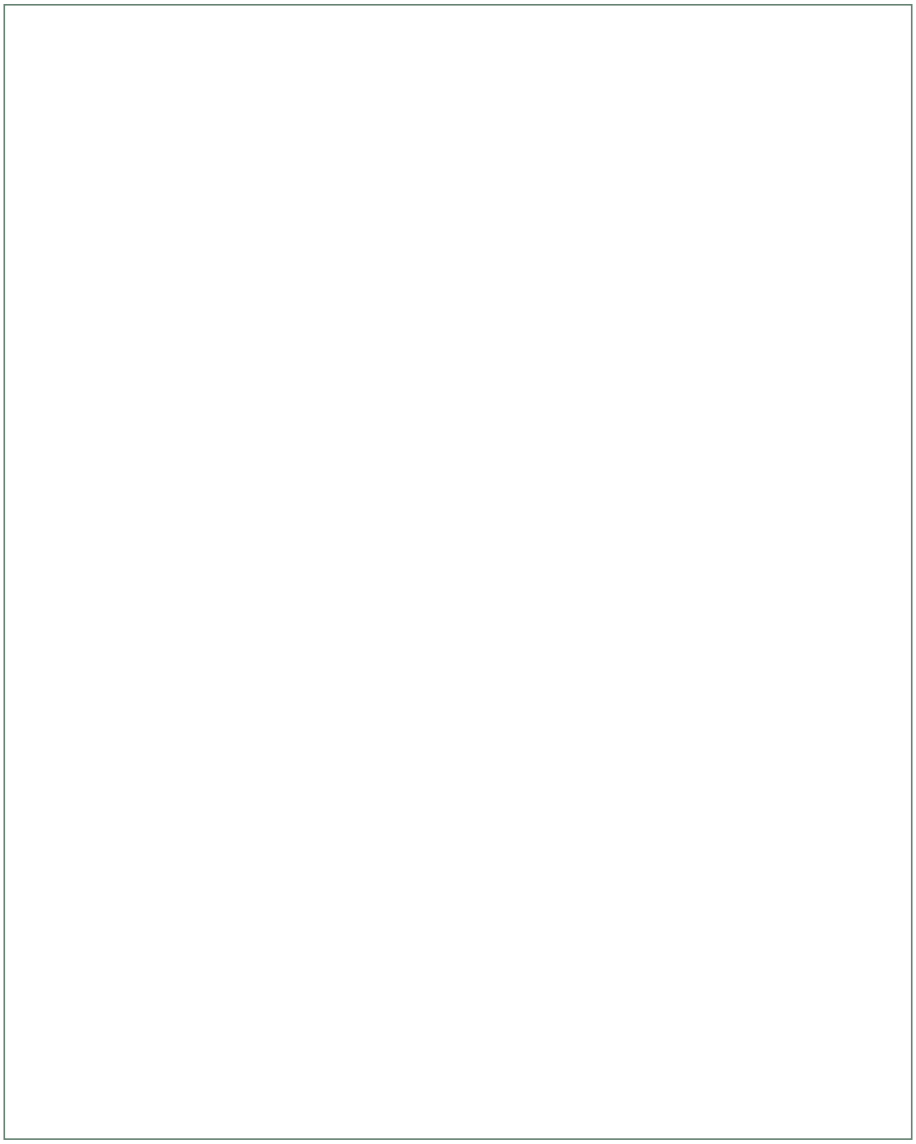
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Task 3 / practice

Early bean stages / hypothetical cm dimensions print 1:2 / roots measured along dotted guide

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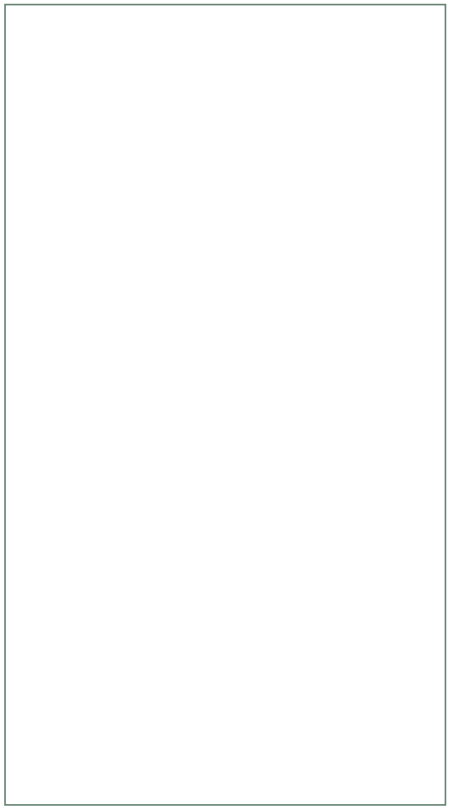


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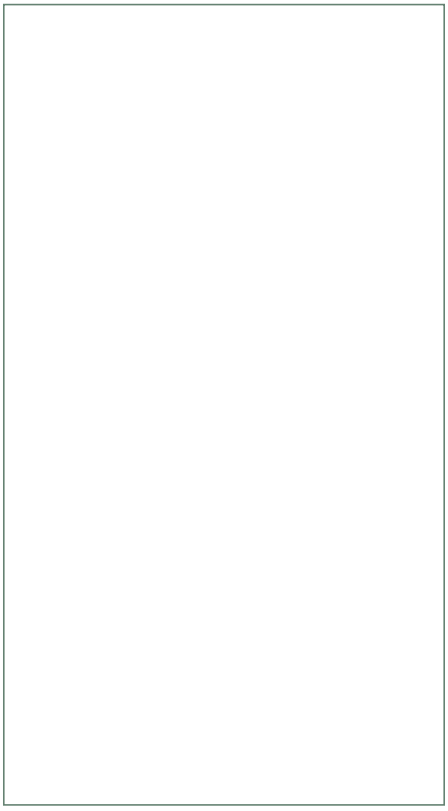
Task 4 / practice

Early bean stages / hypothetical cm dimensions print 1:2 / roots measured along dotted guide

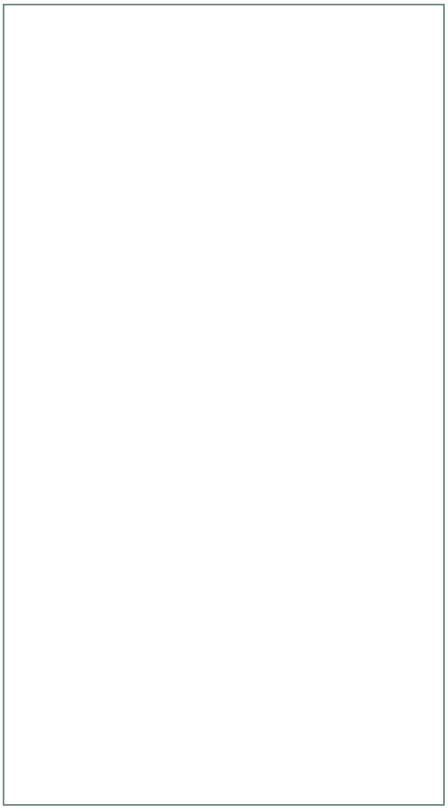
Stage 1



Stage 2



Stage 3



Use your original task dimensions and one shared ground datum. Label each stage; solid visible outlines, dashed split coat and separated round root-guide dots.