Draw a Eucalyptus Tree: Sickle Leaves and Peeling Bark

Original tasks 1, 2 / independent work

Task 1

A trunk is 20 cm tall and 1.4 cm wide at the base. It tapers to 0.5 cm at the first branch. Calculate the base-to-top width ratio and state whether the taper is gradual enough for the lesson convention.

Task 2

A leaf is 5 cm long. Its widest width is 0.7 cm, and its tip is offset 1.2 cm from the straight line between base and tip. Is the tip offset within the gentle-sickle range described in the lesson, where the hypothetical example used about 20 to 25 percent of leaf length?

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Original tasks 3, 4 / independent work

Task 3

A trunk is 1.2 cm wide. Using the lesson's hypothetical strip range of 0.2 to 0.4 cm, how many strips of 0.3 cm width could fit side by side across the trunk if there were no gaps?

Task 4

A branch joins the trunk at a point where the trunk is 0.8 cm wide. The branch is drawn 0.4 cm wide at the join and 0.15 cm wide at its tip. Does this match the lesson's proportional guidance that a branch is about half the trunk width at the join and narrows to about a third of that at the tip?