Draw a Scientist: Lab Coat, Pose, and Simple Tools

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

A standing scientist faces right, right arm forward holding a test tube, left arm relaxed. X-height is 4 cm. Describe the construction and check measurements.

Answer: Mark baseline at feet and midline at waist, 4 cm apart. Head is about 4 cm tall; shoulders about 5 cm above baseline. Draw spine slightly curved, head tilted right. Right shoulder to wrist about 6 cm; place right hand forward at about 6 cm above baseline. Left arm hangs with wrist about 4 cm above baseline. Draw coat wider by about 2 cm each side, hem at mid-thigh, front opening curved. Add three sleeve folds on right arm and four torso folds. Draw palm, thumb, and three finger curves around a narrow test tube. Check: head 4 cm, shoulders 5 cm, right wrist 6 cm, left wrist 4 cm. Erase construction lines and add a work-surface line.