Draw Your Own City: A Three-Zone Scene Worksheet for Kids

Original tasks 1, 2, 3 / complete keys

Task 1

A paper is 24 cm tall. A child chooses sky 7 cm, buildings 10 cm, and street 7 cm. Do the bands add up to the paper height? Show the arithmetic.

Answer: Yes. 7 + 10 + 7 = 24 cm, which equals the paper height.

Reason: Add the three band heights and compare the sum with the measured paper height. Consistent units in centimeters make the check simple.

Check: Recalculate 7 + 10 + 7 and confirm the sum is 24 cm.

Task 2

A scene shows a flat-roof tower, a second flat-roof tower with the same outline, and a pointed-roof house. The child claims three building types. Is the claim correct? Explain.

Answer: No. The two flat-roof towers share the same outline and roofline, so they count as one type. The scene has two building types, not three.

Reason: Building type is defined by outline and roofline, not by color or label. Two identical outlines are one type.

Check: Compare the outlines and rooflines of all three buildings; count only distinct outlines.

Task 3

A child draws a sun at the top of the building band and a cloud that crosses into the building band. The street band has a labeled crosswalk. List two fixes needed to meet the checklist.

Answer: Move the sun and cloud fully into the sky band, and keep the labeled crosswalk in the street band. The building band should contain only buildings and their labels.

Reason: Sky details must stay inside the sky band so rooflines remain visible. The street feature is already correct, so only the sky placement needs fixing.

Check: Trace the band boundary lines and confirm no sky detail crosses below the sky-building boundary.

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Original tasks 4 / complete keys

Task 4

A child uses a legend at the bottom of the street band instead of connecting lines to label buildings. The legend lists TOWER, HOUSE, and HALL with small matching shapes. Is this a valid labeling convention? Explain.

Answer: Yes. A legend is a valid alternative to connecting lines as long as each legend entry clearly matches one building and the labels are readable.

Reason: The convention allows arrows, connecting lines, or a legend. The key requirement is a clear, readable connection between label and building.

Check: Match each legend shape to exactly one building and ask a classmate to read the legend aloud.

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Source rubric / reflection

- [ ] Three zones are clearly separated and labeled SKY, BUILDINGS, and STREET.
- [ ] Band heights add up to the measured paper height.
- [ ] At least three building types are drawn with different outlines or rooflines.
- [ ] Every building base sits on the building-street boundary line.
- [ ] At least one street feature is drawn and labeled inside the street band.
- [ ] Sky details stay inside the sky band and at least one is labeled.
- [ ] Labels are readable using the stated convention; valid alternatives such as arrows or a legend are accepted.

Reflection: What did you check, what did you change, and what will you try next?