3D Winter Village Bulletin Board

Your complete layout guide and structural supply cheat sheet.

Build a pop-out snowy scene that stays securely on the wall all season. Use these hidden display secrets to layer and mount your village with zero sagging.



3D Layout Dimensions & Specs

48x36 inches
Standard board size before frame loss

1/2 inch
Usable space lost to aluminum housing

3 zones
Sky, village, and overlapping foreground snowbanks

3 curves
Asymmetrical shapes cut for rolling terrain

6 inches
Staple spacing along the outer edge

45 degrees
Precise mitered angle for scalloped corners

3 or 5
Evergreen grouping count for dense forests

20 bulbs
Micro fairy lights per five buildings

Smooth the Base Layer

Iron your navy cotton fabric on a low heat setting before bringing it to the classroom. A perfectly flat, wrinkle-free foundation prevents heavy 3D elements from drooping.

Hidden Display Secrets

1. **Double-layered border** Overlap a 3-inch scalloped red border over a 4-inch white base for depth.
2. **Painter's tape guide** Apply a single strip of low-tack blue tape across the top third for alignment.
3. **Hidden foam risers** Center 1/2-inch thick adhesive foam core behind rigid wooden letters for a drop shadow.
4. **Felt-backed cutouts** Glue stiff felt pads behind paper evergreens to create gripping friction against the fabric.
5. **Hot glued push pins** Attach standard clear push pins directly to the back center of heavy snowflakes.

Snowbank Peak Measurements

Find your row: **Snow layer**

Snow layer	Your pick	Why
Back layer	12in L, 9in C, 14in R	Creates tallest forced perspective background
Middle layer	8in L, 11in C, 7in R	Anchors the illuminated cardstock village
Front layer	5in L, 4in C, 6in R	Forms a sturdy physical pocket

Structural Supply Cheat Sheet

- [ ] Navy blue cotton fabric to absorb overhead glare
- [ ] Scalloped red and flat white borders
- [ ] Heavyweight white poster board for rolling snowbanks
- [ ] Thick chipboard or balsa wood title letters
- [ ] Cardstock templates for 3D houses with bottom trapdoors
- [ ] Battery-operated micro fairy light wire strands
- [ ] Adhesive foam core, stiff felt pads, clear push pins
- [ ] Liquid glue to reinforce hollow structure corners

Pre-Installation Space Checks

- ◯ Measure your specific internal frame dimensions with a rigid metal tape measure.
- ◯ Check that overhead fluorescent lights won't reflect off your chosen background.
- ◯ Confirm indoor humidity fluctuations won't weaken folded masking tape shortcuts.
- ◯ Ensure the tallest off-center house can conceal the fairy light battery box.

Project Notes

Enjoy your magical winter window, and watch your beautiful snowy village come to life!