

Trusses

- Tall structures made of straight (wooden) members and nodes.
- Joints are considered revolutes (turn freely; no moment is transferred to the members)
- Triangular spaces between members
- Members experience compression or tension only
- May be 2D or 3D
- Excellent for bearing high loads, but takes up a lot of space vertically.
- Preferred in low-incline roofs when storage space (attic) is not required.

Some truss types:

- Traditional truss structures

- * individually designed

- * shapes

- * members

- * connections

- Nailplate trusses

- DSB, Trigonit, etc.

- 3D trusses

- Vierendeel trusses (not strictly-speaking trusses...)