

Steam and Beyond  
Session 2: Structures 101

Vocabulary:

|             |                 |
|-------------|-----------------|
| Structure   | n.结构            |
| Shelter     | n.住所；避难所        |
| Traditional | adj.传统的         |
| Ancient     | n.古老的           |
| Wisdom      | n.智慧            |
| Load        | n.负荷；v.装载       |
| Capacity    | n.容纳能力          |
| Evolve      | v.逐步演变          |
| Weight      | n.重量            |
| Materials   | n.材料            |
| Frame       | n.框架            |
| Column      | n.柱             |
| Slab        | v.厚板            |
| Concrete    | n.水泥            |
| Cement      | n.水泥            |
| Pour        | v.倒；浇注          |
| Timber      | n.木材            |
| Transfer    | v.转移；转让         |
| Common      | adj.常见的；共用的     |
| Straw       | n.稻草；吸管         |
| Metal       | n.金属            |
| Steel       | n.钢             |
| Beam        | n.（建筑物的）梁       |
| Truss       | n.（支撑屋顶、桥梁等的）桁架 |
| Analyze     | v.分析            |
| Brick       | n.砖             |

Sentences:

-Our ancestors used their wisdom to build shelters with available natural materials.

-Architects work with engineers to analyze structures in order to make sure that their buildings are stable.

-The designs of buildings in modern architecture evolve and develop side by side with technology.