A Sticky Situation: Designing Walls

Vocabulary Supports

|  |  |  |
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| Lesson 1 Content | Content Vocabulary | Instructional Support |
|  | clay | T1 Realia |
| design | T2 |
| engineer | T2 |
| Engineering Design Process | T2 |
| material | T2 |
| materials engineer | T2 |
| mixture | T2 |
| mortar | T2 |
| properties | T2 |
| solution | T2 |
| technology | T2 |
| structures | T2 |
| Lesson 1 Supporting Words | Chinese Words | Instructional Supports |
|  | Ni hao  mooncake  Lao Shi  Yangtze  bamboo reeds  bandit  creativity  crumbled  detective  emperor  material  mortar  munch  seedlings | Chinese specific words from context of story  Add to the GLAD supporting document |

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| Lesson 2 | Content Vocabulary | Instructional Support |
|  | Criteria |  |
| Properties/qualities/attributes |  |
| Purpose |  |
| Use |  |
|  |  |  |
| Lesson 3 | Content Vocabulary | Instructional Support |
|  | Durability |  |
|  | Experiment |  |
|  | Mixture |  |
|  | Mortar |  |
|  | Particle |  |
|  | Predict |  |
|  | Test |  |
| Lesson 3 | Construction Vocabulary | Instructional Support |
|  | brick  wood  steel  plaster  lathe |  |

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| Lesson 4 | Construction Vocabulary | Instructional Support |
|  | Demolition |  |
|  | Design |  |
|  | Engineering Design Process   * Ask * Imagine * Plan * Create * Improve |  |
|  | Goal |  |
|  | Mortar |  |
|  | Predict |  |
|  | Problem |  |
|  | Redesign |  |
|  | Teamwork |  |
|  | Test |  |