

# The Role of Task Templates in Assessment Design

- Angela Haydel SRI International
- Michelle Riconscente University of Maryland



#### **Assessment System Overview**

Content Expertise

**Domain Analysis** 

Product Requirements

Domain Modeling [Design Patterns]

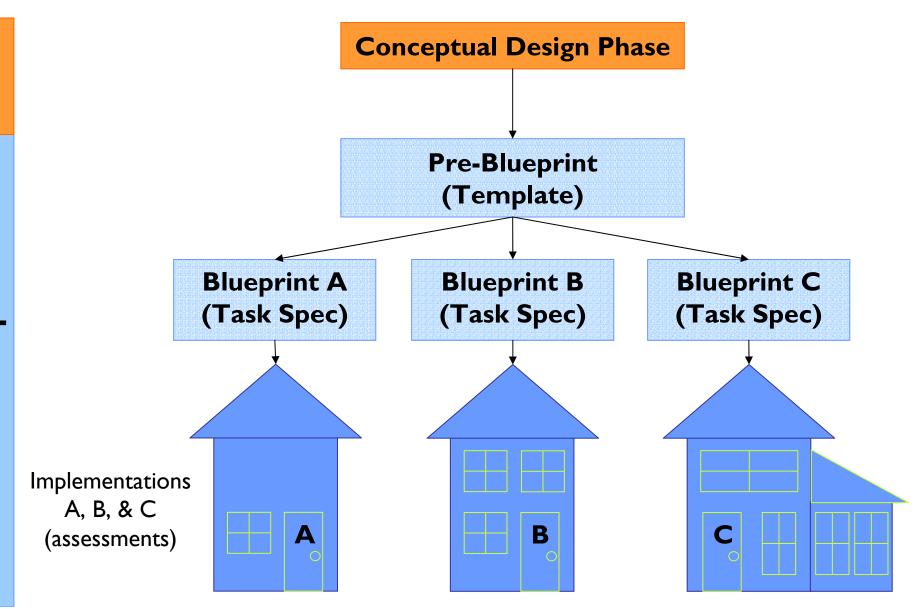
Conceptual Assessment Framework
[Task Templates and Task Specifications]

**Assessment Delivery** 

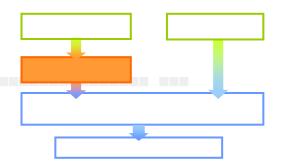
Technical Expertise

## P A D I

### The "Building" Analogy

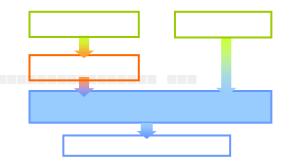


### Design Patterns



- Bridge content expertise and measurement expertise
- Identify in narrative form:
  - Knowledge, skills, and abilities (KSAs)
  - Observations to support inference
  - Features of task situations that elicit target KSAs
  - Related content or inquiry standards
- Lay out the assessment argument
- Do not provide a concrete design or implementation of an assessment task

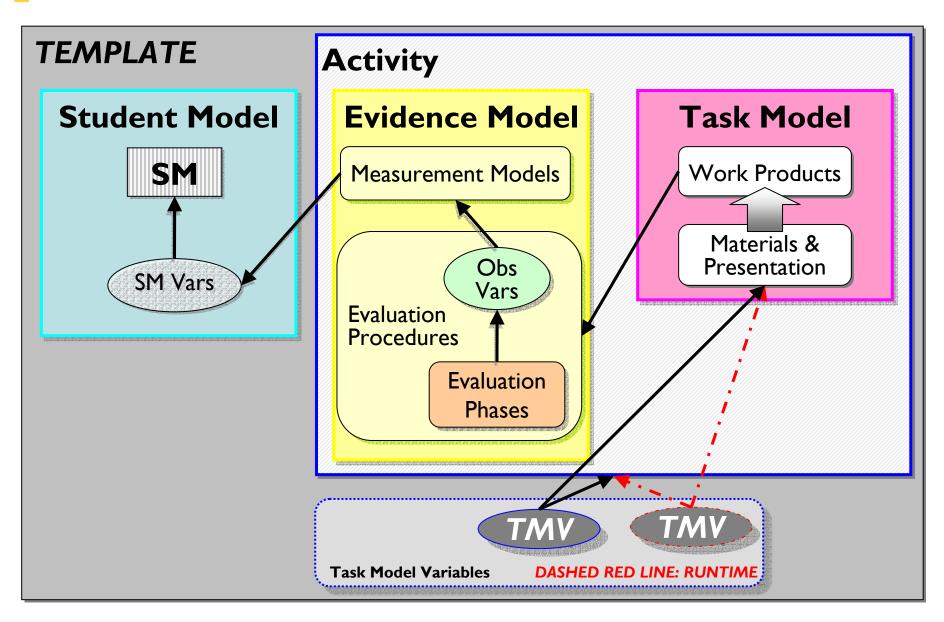
### Task Templates



- Support the specification of technical details in the assessment design process
- Link in greater technical detail relationships among CAF components (student model, measurement model, task model)
- Pre-blueprints abstractions of multiple assessment tasks
- Become task specifications when all template components are specified

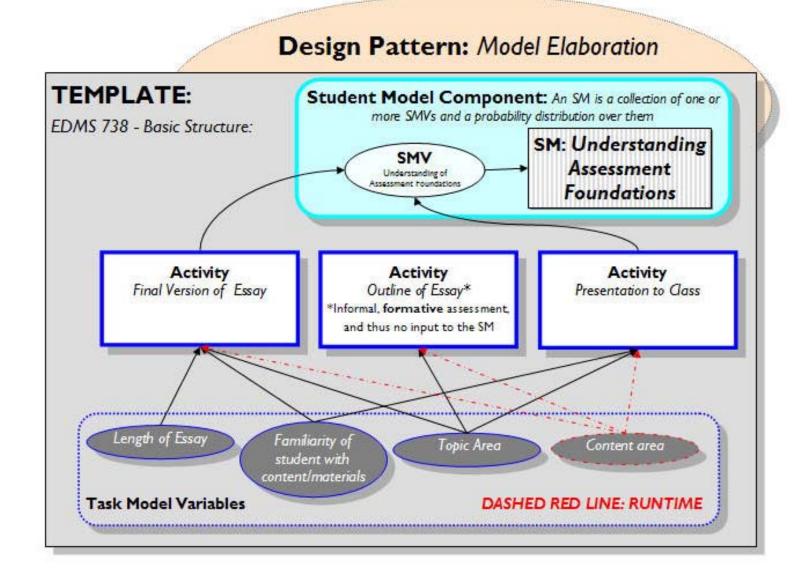


#### Template: Simple Structure





### Sample Template: Collapsed



#### Sample Template: Expanded

