

Stage 11 Algebraic Proficiency



WHAT DO WE ALREADY *know?*



- Given a function, establish outputs from given inputs.
- Given a function, establish inputs from given outputs.
- Use a mapping diagram (function machine) to represent a function.
- Use an expression to represent a function.

- Understand the meaning of a function.
- Know and use the notation for composite functions.
- Solve problems involving composite functions.
- Find the inverse of a given function.
- Solve problems involving inverse functions.

- Mapping
- Function
- Inverse
- Composite-"made up of distinct parts or elements," c. 1400, from Old French composite
- Expression- "a putting into words" (mid-15c.); from Late Latin expressionem
- Substitute

Success Criteria	Before Topic	After Topic	Teacher Mark
• Understand the meaning of a function.			
• Know and use the notation for composite functions.			
• Solve problems involving composite functions.			
• Find the inverse of a given function.			
• Solve problems involving inverse functions.			