

# Initiating

# Develop Project Charter

Identify  
Stakeholders

# Planning

# Develop Project Management Plan

# Plan Scope Management

# Collect Requirements

Define Scope



Create WBS

# Plan Schedule Management

Define Activities

# Sequence Activities

# Estimate Activity Resources

# Estimate Activity Durations

# Develop Schedule

# Plan Cost Management



# Estimate Costs

Determine  
Budget

# Plan Quality Management

# Plan Human Resource Management

# Plan Communications Management

# Plan Risk Management

# Identify Risks

# Perform Qualitative Risk Analysis



Perform Quantitative  
Risk Analysis

# Plan Risk Responses

# Plan Procurement Management

# Plan Stakeholder Management

# Executing

# Direct and Manage Project Work

# Perform Quality Assurance

Acquire Project  
Team



Develop Project  
Team

# Manage Project Team

# Manage Communications

# Conduct Procurements

# Manage Stakeholder Engagement

# **Monitoring and Controlling**

# Monitor and Control Project Work

Perform Integrated  
Change Control



Validate Scope

# Control Scope

# Control Schedule

# Control Costs

Control Quality

# Control Communications

# Control Risks

# Closing



Close Project or  
Phase

Close  
Procurements