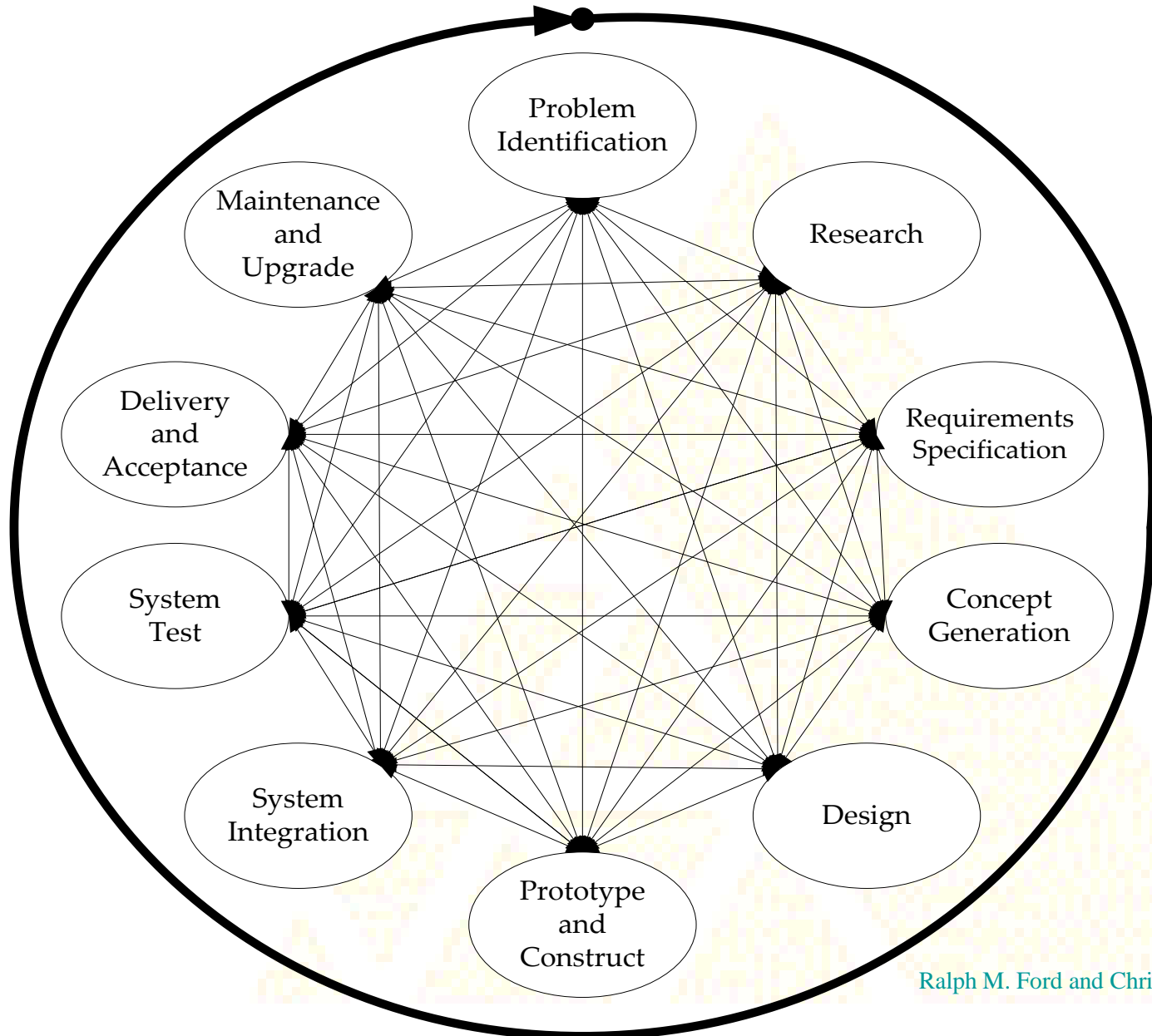


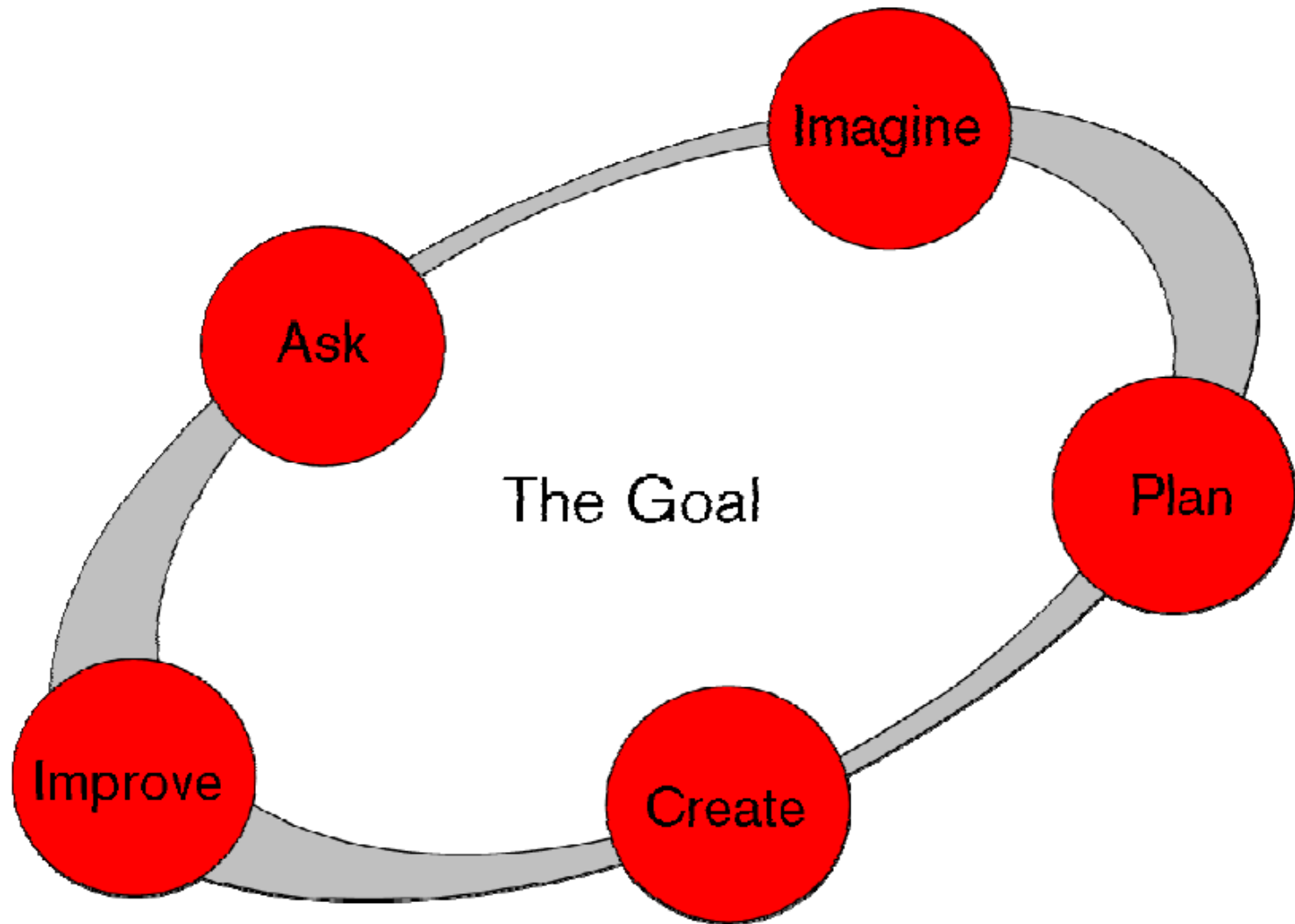
# A Descriptive Process



Ralph M. Ford and Chris Coulston



# The Engineering Design Process



Engineering is Elementary

[www.mos.org/eie](http://www.mos.org/eie)

© Museum of Science, Boston

# The Engineering Design Process

## ASK

What is the problem?  
What have others done?  
What are the constraints?  
**Write them down.**

## IMAGINE

What are some solutions?  
Brainstorm ideas.  
**Write them down.**  
Choose the best one.

## PLAN

**Draw a diagram.**  
**Make a list of materials you will need.**

## CREATE

Follow your plan and create it.  
Test it out!

## IMPROVE

Talk about what works, what doesn't, and what could work better.  
**Write it down.**  
Modify your design to make it better.  
Test it out!