

# **2010-2011 Minnesota Technology**

## **Challenge Prompt**

### Architecture

#### **Problem: Beach Vacation Resort**

Recently, a large hotel company has bought some beachfront property and plans to build a large resort complex.

Specifications:

- One large main building which must include:
  - hotel and suite rooms
  - Staff lodging
  - Office space
  - Kitchen
  - Small café or restaurant
  - Parking space
  - Storage
    - Maintenance
    - Room service
    - House keeping
- At least 4 different model cabanas/cabin housing on the waterfront
- Recreation Facilities
  - Ex: Sport courts, weight rooms, water sports facility
- Walkways and natural parks
- The company is very eco-conscious and wishes for that to be reflected in the design of their complex, making it as eco-friendly as possible