Design Challenge – Module Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Team Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Key Words:

Important Features of the module:

What challenges would there be to the module design?

What should the module do?

Key Questions to Consider: What are some characteristics of the Moon environment?

What are some of the potential risks to human health?

How might temperature and radiation impact the shelter design?

How long is a “Moon day,” and how might that impact the shelter design?

How will structures be constructed?

What will they look like?

Draft Design 3 (Final Ideas)

Draft Design 2 (Make it better)

Draft Design 1 (Beginning Ideas)