1. Format of modules (MEED)

a. Background (1-2 paragraphs)

i. Learning Goals & PLOs [**Objective]**

ii. Topic(s) of module

iii. Why is this module interesting? [**Bridge** ]

 iv. References

1. Include a few readings for further interest.

b. Materials (List)

i. List of materials (quantity per person).

ii. Be sure to note if anything is optional.

iii. Be specific

c. Procedure

i. **Pre-Assessment**

1. Include what you will do as your pre-assessment. It may just be a simple question or it could be an entire activity.

ii. **Participatory Learning**

1. Detailed information on the activities

2. You may want to include *italicized*  notes to teachers that they can use to guide themselves through the module.

iii. **Post-Test**

1. Include what you will do. Again it might be a question or full activity.

iv. **Summary**

1. Include the relevancy & application of the topics. Why should your students care (think conservation, future jobs, agricultural, land-use etc.)

d. Make it your own

i. Include 1 way to advance the module

1. For example:“This module could be advanced by including topics of genetics for high schoolers”

2. “Students can do basic stats instead of only examining graphs”

ii. Include 1 way to adjust module for younger groups

1. “Students can draw hypotheses instead of writing them”

2. “The topic of inheritance can be excluded or simplified”