

## **NTI Days 1-10 Assignments for D. Lewis-Biology**

For each consecutive day (1-10), **students with internet access** will be responsible for completing 60 min of ACT Science Practice on Study Island within 5 school days of the NTI day.

-Website directions are as followed...-Log in to Study Island using the username and password provided by Mr. Lewis <https://www.studyisland.com/login>

-click on US Programs, select ACT in the drop down box

-click on Science for the study area

-complete 60 min of study (preferably 30 min of practice and only 30 of game mode) in the area of your choice or whichever parts of the ACT Science you need practice in, as long as your total time shows 60 minutes.

ex.) Data Representation, Research Summaries, Conflicting Viewpoints

-**save session** at the completion of each study period

### **IMPORTANT!!!!**

-students are expected and have been instructed to email Mr. Lewis by noon on the NTI day for confirmation of lesson received. Any questions will be addressed by email to [damon.lewis@harlan.kyschools.us](mailto:damon.lewis@harlan.kyschools.us)

**Students without internet access** have been provided a “hard copy” and will be expected to return the completed assignments within 5 school days to Mr. Lewis.

The alternate “hard copy” NTI assignments are listed below.

#### **NTI Day 1**

Complete NTI Lesson 1, modules (a) Graphs and (b) Tables.

#### **NTI Day 2**

Complete NTI Lesson 2, modules (a) Complex Graphs and (b) Complex Tables.

#### **NTI Day 3**

Complete NTI Lesson 3, modules (a) Greatest and Least and (b) Trends.

#### **NTI Day 4**

Complete NTI Lesson 4, modules a) Extrapolate and Interpolate and (b) Predictions.

#### **NTI Day 5**

Complete NTI Lesson 5, modules (a) Opinions and (b) Comparisons.

### **NTI Day 6**

Complete NTI Lesson 6 module 1, Diagnostic Test for NGSS Biology.

### **NTI Day 7**

Complete Module 2, Structure and Function.

You will need to complete all parts of (a.) Cells and Living Systems and (b.) Homeostasis. There is supportive text within the "lesson" and lab practice needs to be viewed before answering questions for the next 3 assignments.

### **NTI Day 8**

You will need to complete all parts to Module 3 Matter and Energy in Organisms and Ecosystems.

a.) Photosynthesis and Cellular Respiration

b.) Energy in Ecosystems

c.) Biogeochemical Cycles

### **NTI Day 9**

You will need to complete all parts of Module 4 Interdependent Relationships in Ecosystems.

a.) Carrying Capacity and Organism Interactions

b.) Biodiversity and Ecosystem Change

### **NTI Day 10**

You will need to complete all parts of Module 5 Inheritance and Variation of Traits

a.) Cell Division and Differentiation

b.) Genetic Variation

c.) DNA and Heredity