

## Guide to Accessing DCPS Recommended Science Techbook Resources

### Overview

This teacher guide walks you through how to find and access Model 5E lessons in Science Techbook to use in your instructional planning or delivery. These recommended Model 5E lessons are from the Science Techbook NGSS Courses and have been vetted and listed in the DCPS Science Curriculum Guide by the Office of Teaching and Learning. Teachers are welcome to use all or portions of the Techbook Model 5E Lesson and adapt when needed.

### Step 1: Access the DCPS Science Curriculum on Canvas

#### Science Resources on Canvas

*Curriculum Documents (Scope and Sequence, Unit Resources, Curriculum Guide) and Cornerstones*

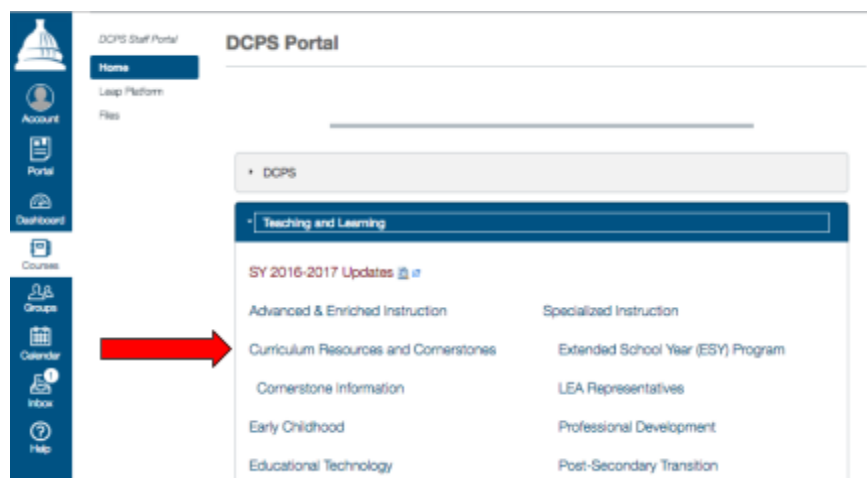
To access curriculum and Cornerstone documents on Canvas: **Portal > Teaching and Learning > Curriculum Resources and Cornerstones > Science > Curriculum.**

#### Canvas Login

Go to <https://dcps.instructure.com>

**Username:** Your full dc.gov email address

**Password:** Your DCPS email password





The screenshot shows the DCPS Discovery Education portal. On the left is a vertical sidebar with icons for Account, Portal, Dashboard, Courses, Groups, Calendar, Inbox, and Help. The main content area has a top navigation bar with 'Home', 'Leap Platform', and 'Files'. Below this, the 'CURRICULUM' section is highlighted. Under 'RESOURCES AND CORNERSTONES', there is a table titled 'ACCESS BY DEPARTMENTS'. A red arrow points to the 'Science' row in this table. Below the table, there are four resource cards: 'Curriculum' (with a stack of books icon), 'Cornerstones' (with a cluster of dots icon), 'Assessments' (with a line graph icon), and 'Standards' (with a 3D pyramid icon). Another red arrow points to the 'Curriculum' card.

ACCESS BY DEPARTMENTS	
Elementary Literacy	Arts
Secondary Literacy	Health & PE
Social Studies	Math
Science	World Languages

Explore the science curriculum and standards.

**Curriculum**  
CURRICULUM RESOURCE GUIDES AND OTHER RESOURCES


**Cornerstones**  
ENGAGING HANDS-ON ACTIVITIES

**Assessments**  
NWEA-MAP ASSESSMENT, DC SCIENCE ASSESSMENT

**Standards**  
NEXT GENERATION SCIENCE STANDARDS

## Step 2: Download Your Grade or Course Level Science **Curriculum Guide**

To access and download your Grade or Course Level Curriculum Guide: **Grade or Course > Curriculum Guide**.



Account  
Portal  
Dashboard  
Courses  
Groups  
Calendar  
Inbox  
Help

Click here for Discovery Science Techbook login information.  
Click below to access the following grade level materials:

- Scope and Sequence
- Curriculum Resource Guide aligned to Discovery Science Techbook
- Resource Pages
- Cornerstone Lessons

Kindergarten Grade 1 Grade 2 Grade 3  
Grade 4 Grade 5 Grade 6 Grade 7 Grade 8  
Biology Chemistry Earth Science Env. Science Physics

Account  
Portal

Scope and Sequence  
Unit Resources  
Curriculum Guide

### Step 3: Access Your Grade or Course Level **Correlated Resource Guide**

To access your Grade or Course Level Correlated Resource Guide open your downloaded Curriculum Guide, go to **Contents**, and then go to the pages where the **Correlated Resource Guide** is located.

## Contents

Guide to Reading	Page
Grade-Level Overview and Year at a Glance	Page
Grade-Level Evidence Statements for Each Unit	Page
Correlated Resource Guide	Page

### Step 4: Identify **Recommended Techbook Resources**

*Example: Grade 5 Unit 3*



## Grade 5 Correlated Resource Guide

Unit 3: Ecosystems, Energy and Webs
NGSS PEs, DCIs, SEPs, and CCCs
<b>Discovery Education Science Techbook – Grade 5</b> <ul style="list-style-type: none"><li>• Energy for Humans and Other Living Things: Food and Oxygen/Matter and Energy Flow in Organisms (1-2 weeks)</li><li>• Energy for Humans and Other Living Things: Basic Needs of Plants (2-3 weeks)</li><li>• Energy for Humans and Other Living Things: Parts of Ecosystems/Ecosystem Interactions (2 weeks)</li><li>• Energy for Humans and Other Living Things: Energy in Systems/Energy Flow in Ecosystems (2-3 weeks)</li></ul>
<b>Alternative Activities and Resources</b> Cornerstone: A Slick Solution: Cleaning an Oil Spill (Canvas login required)

### Step 5: Access Science Techbook

#### Techbook Login

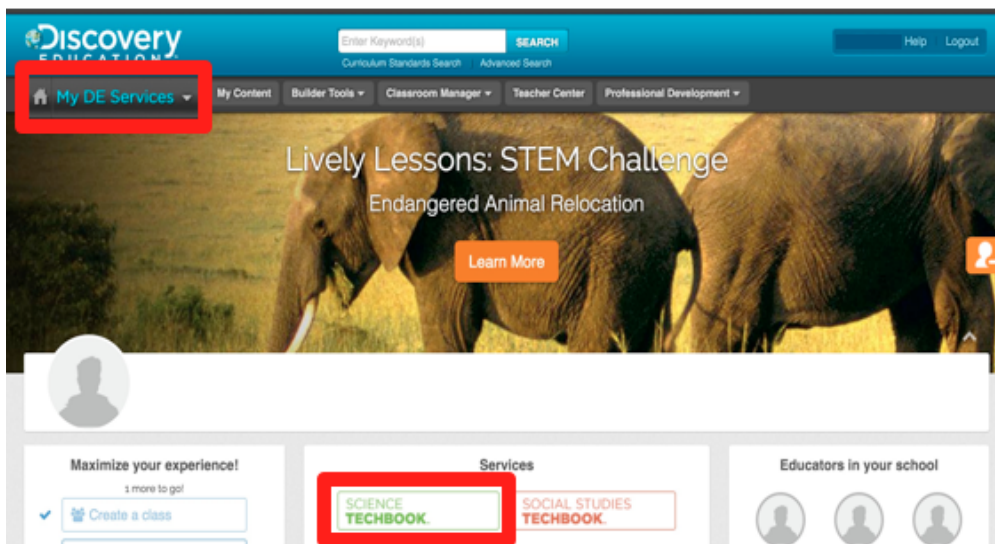
Go to <https://www.discoveryeducation.com>

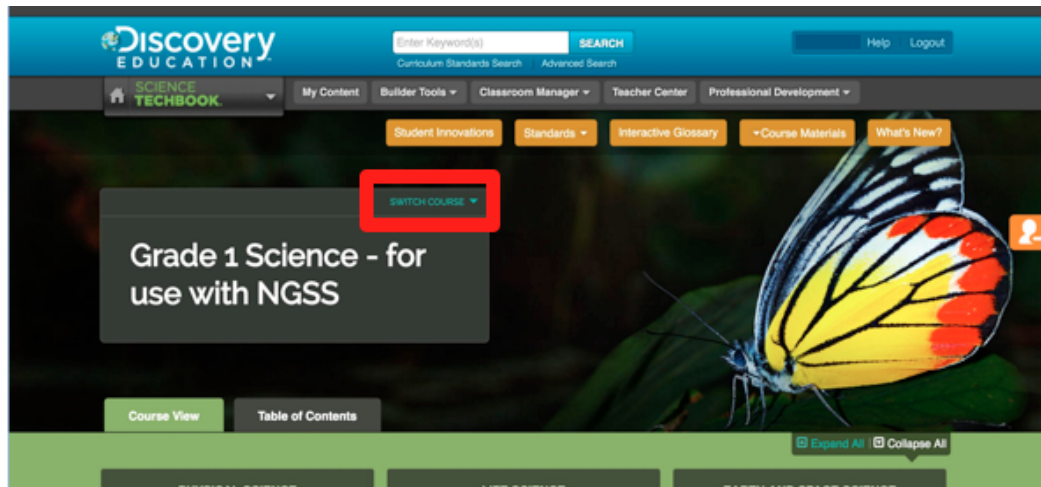
**Username:** Your full dc.gov email address

**Password:** DCPSTeacher1 (unless you've changed it)

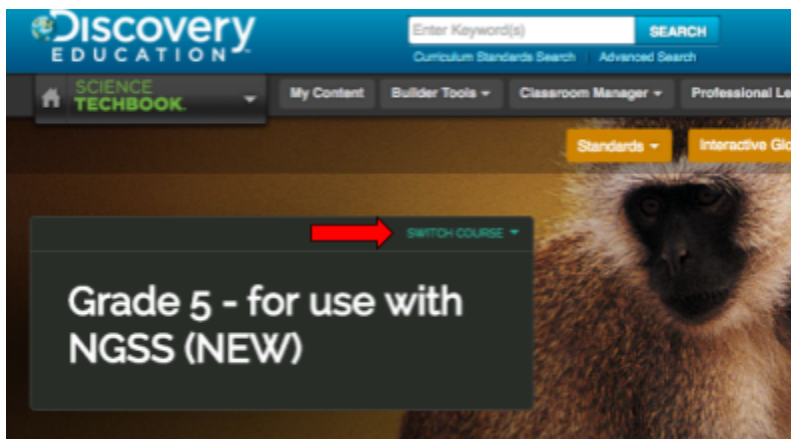
### Step 6: Locate Your NGSS Course in Science Techbook

To access your NGSS Course: **My DE Services > Science Techbook > Switch Course > Your NGSS Course.**





*Example: Grade 5 Unit 3*




## Step 7: Locate the DCPS Recommended Techbook Resources in Science Techbook

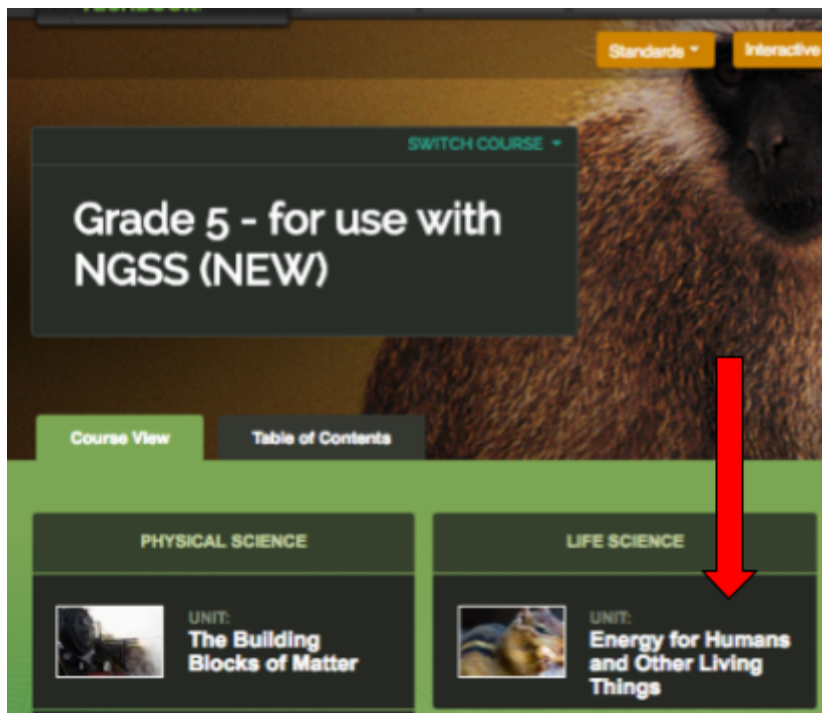
Use the Correlating Resource Guide to locate the DCPS recommended resource in Techbook:  
**Your Grade Level NGSS Course > Correlating Unit > Correlating Concept > Model Lesson > Lesson Overview.**

***Example Grade 5 Unit 3***  
*Grade 5 - for use with NGSS (New) >*  
*Unit: Energy for Humans and Other Living Things >*  
*Food and Oxygen >*  
*Model Lesson >*



### *Lesson Overview*

<b>Unit 3: Ecosystems, Energy and Webs</b>
<b>NGSS PEs, DCIs, SEPs, and CCCs</b>
<b>Discovery Education Science Techbook – Grade 5</b>
<ul style="list-style-type: none"><li>• Energy for Humans and Other Living Things: Food and Oxygen/Matter and Energy Flow in Organisms (1-2 weeks) </li><li>• Energy for Humans and Other Living Things: Basic Needs of Plants (2-3 weeks)</li><li>• Energy for Humans and Other Living Things: Parts of Ecosystems/Ecosystem Interactions (2 weeks)</li><li>• Energy for Humans and Other Living Things: Energy in Systems/Energy Flow in Ecosystems (2-3 weeks)</li></ul>
<b>Alternative Activities and Resources</b>
Cornerstone: A Slick Solution: Cleaning an Oil Spill (Canvas login required)



Standards Interactive C

SWITCH COURSE +

**Grade 5 - for use with NGSS (NEW)**

Course View Table of Contents

PHYSICAL SCIENCE

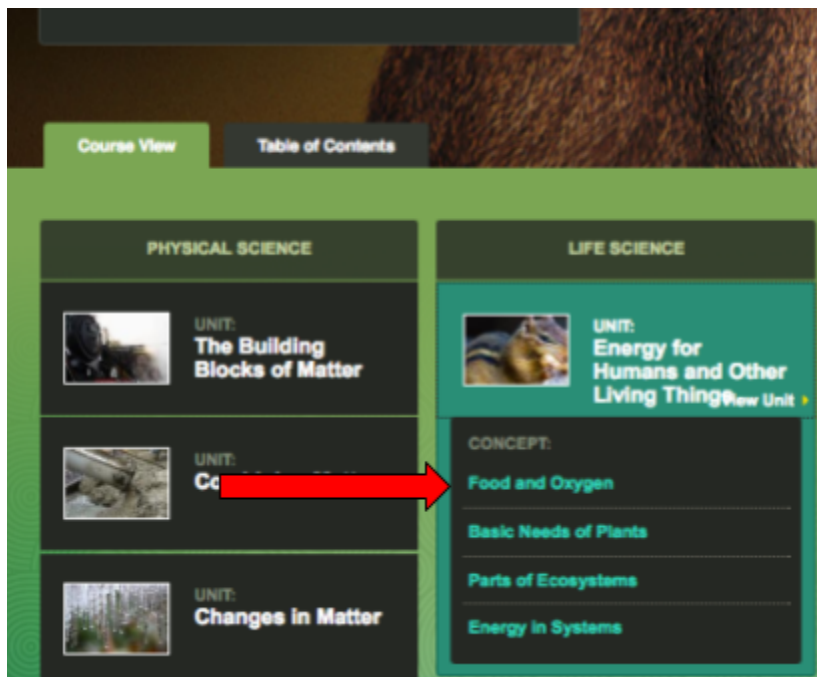
UNIT: **The Building Blocks of Matter**

LIFE SCIENCE

UNIT: **Energy for Humans and Other Living Things**

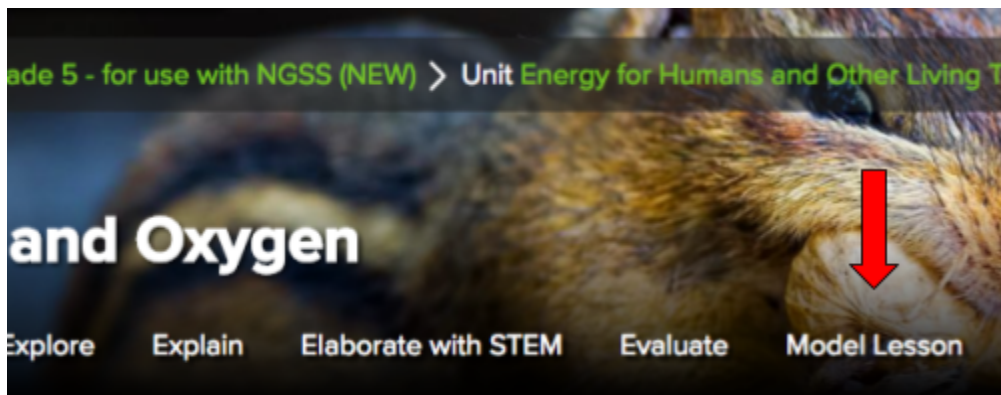
*Grade 5 - for use  
with NGSS (New) >*





*Unit: Energy for Humans  
and Other Living Things >*

*Food and Oxygen >*



*Model Lesson*

**Combining Food and Oxygen so You Can Walk, Run**



The screenshot shows the Discovery Education interface. At the top, there's a search bar and navigation links like 'My DE Services', 'My Content', 'Builder Tools', 'Classroom Manager', 'Professional Learning', and 'My Notebook'. Below this, a breadcrumb trail reads 'Course Grade 5 - for use with NGSS (NEW) > Unit Energy for Humans and Other Living Things'. The main heading is 'Food and Oxygen'. A horizontal menu below the heading includes 'Engage', 'Explore', 'Explain', 'Elaborate with STEM', 'Evaluate', and 'Model Lesson'. On the left, a sidebar lists 'Lesson Overview' (highlighted with a red arrow), 'NGSS Standards Overview', 'Teacher Preparation', 'Materials to Prepare', and 'Session 1'. The main content area displays the 'Lesson Overview' section, which includes 'Lesson Objectives' and a list of objectives starting with 'By the end of this lesson, students should be able to:'. One objective listed is 'Describe how animals get energy from plants and other animals.'

*Lesson Overview*