

PROJECT SHARE: THE BIG PICTURE



Need Help with Project Share or OnTrack ?

Karen Teeters

Karen.teeters@birdvilleschools.net

How to Login to Project Share

Option 1: Enter through the Project Share website at
<http://www.projectsharetexas.org>

Option 2: Enter through the Epsilen website at
<http://www.epsilen.com>



Join your learning community

dawnaschwei

.....

Forgot your username or password? Re-activate account?

Find Resources

Find Resources by searching within Standards below.

Standards Search

- Select subject -

- Select grade/course -

FIND STANDARDS

KEYWORD SEARCH



FEATURED RESOURCE

1 OF 10



RESOURCE TITLE:

MSTAR Implementation...

ID: MSTAR002

VIEW RESOURCE



Take a look at the new Humanities Texas Teacher Enrichment Institutes collection on Texas Education on iTunes ...

1 hour 46 min ago



Access MSTAR Universal Screener / Diagnostic and Texas SUCCESS.



NEWS

EDUCATORS

STUDENTS

MISSION

Project Share Reaches, Exceeds 1 Million Users (September 5, 2012)

VIEW ARTICLE



OnTRACK FOR COLLEGE READINESS PROJECT OVERVIEW



Project Goals

- Help students exceed the minimum score required on each high school STAAR assessment in order to meet graduation requirements.
- Prepare all students to meet the college-readiness component of the Algebra II STAAR assessment.

OnTRACK Courses



- Should be used as a supplemental resource.
- May be used as intervention or acceleration materials with students.

OnTRACK™ for College Readiness

A project funded by the



OnTRACK overview

- Online learning tools (lessons) for students in the areas of math, science, ELA and social studies developed to increase student preparedness and performance on STAAR high school assessments leading to a higher degree of College and Career Readiness.
- All learning tools are being developed within TEA's Project Share platform.
- It's free-use as much or as little as you need.

Science Courses

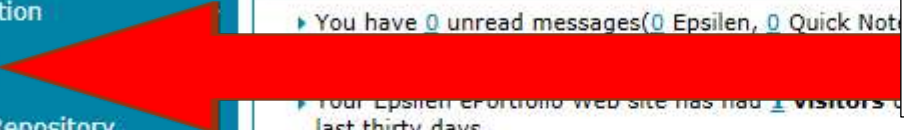
- Biology
 - 6 Modules –52 lessons
- Chemistry
 - 6 Modules –57 lessons
- Physics
 - 5 Modules –51 lessons

What do lessons include?

- Video
 - You Tube, Teacher Tube, National Geographic, etc.
- Assessments and self check items
- Interactive learning opportunities
- Multiple representations
 - Lots of pictures that connect the content to a context
- Digital assets
 - Open source
 - From a repository



- My Portal
- My ePortfolio
- Epsilon Mail
- Collaboration
- Learning
- Content Repository
- Utilities
- Help FAQ
- Disable Menu Tips



Click on Learning

Add your favorite tools by dragging the links from left navigation

Selected Gadgets

Personalize Gadget

Things I Need To Know

You have 0 unread messages (0 Epsilon, 0 Quick Notes)

Your Epsilon ePortfolio web site has had 1 visitors in the last thirty days.

You have accumulated 71 Epsilon Points. Learn how to [earn more points](#) and [why](#).

You have been added to 0 Networks. 0 new since your last login. [What does this mean?](#)

[Find MERLOT objects](#) that match my research interests.

SXSW.EDU



March 6-8, 2012
Austin, Texas

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[Jennifer Miller](#) [DUBLIN ISD](#)

Watching TEA Tech Fest.

Yesterday, 2:41 PM- [Comment](#) [Email](#) [Network](#)



[Cheryl McClendon](#) [MIDWAY ISD](#)

<http://6thgradeclassroom.blogspot.com/> Teacher? - check out and respond with [»more](#).

Tuesday, 10:52 PM- [Comment](#) [Email](#) [Network](#)



[ANH NGUYEN](#) [CYPRESS-FAIRBANKS ISD](#)

Learning Objectives Oct.1-5 Writing- Mon. We will select and publish our best [»more](#).

Tuesday, 5:42 PM- [Comment](#) [Email](#) [Network](#)

A+RISE



Research-based Instructional Strategies for ELLs

A+RISE is a series of practical, research-based instructional strategies for educators, aligned to the Texas ELP standards. [Open A+RISE](#)

Announcements

[Professional Development for CTE Courses for Mathematics or Science Credit now Available through Project Share](#)

Created On: (8/8/2012)

Beginning August 2012, teachers can take CTE courses for mathemat... [Read more about Professional Development..](#)

New STAAR™ Videos



<http://www.epsilen.com/DawnaSchwei>
Welcome Dawna Schweitzer

Add your favorite tools by dragging the links from left navigation

Learning

Traditional learning models put courses at the core of education. Within Epsilon, you can take online courses offered by your institution, or you can access supplemental materials for the courses you're enrolled in.

Rubrics are a way to define learning outcomes at various levels of performance. They are used to track student progress against these learning outcomes.

Click on Courses

- My Portal
- My ePortfolio
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- Courses
- Learning Matrix
- Take Notes
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View Courses ?

Use the Courses tool (Epsilen Global Learning System, or GLS) to access and manage your courses.

View Courses

View:

Course	Institution	School	Dept.	Instructor	Description	Members	Action
BISD Distribution OnTRACK Physics v1.2	BIRDVILLE ISD			Unavailable	OnTRACK Lessons for Physics are supplementary les Read more about BISD Distribution..	1	
Course Type: Epsilen - Complete							
BISD Distribution OnTRACK Chemistry v1.2	BIRDVILLE ISD						
Course Type: Epsilen - Complete							
BISD Distribution OnTRACK Biology v1.2	BIRDVILLE ISD			Unavailable	OnTRACK Lessons for Biology are supplementary Read more about BISD Distribution..	2	
Course Type: Epsilen - Complete							

Click on Courses Open to My Institution

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- My ePortfolio
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- Learning
- Courses**
- Learning Matrix
- Take Notes

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Course	Institution	School	Dept.	Instructor	Description	Members	Action
BISD Distribution OnTRACK Physics v1.2	BIRDVILLE ISD				<i>Unavailable</i> OnTRACK Lessons for Physics are supplementary les Read more about BISD Distribution..	1	
Course Type: Epsilen - Complete							
BISD Distribution OnTRACK Chemistry v1.2	BIRDVILLE ISD						
Course Type: Epsilen - Complete							
BISD Distribution OnTRACK Biology	BIRDVILLE ISD				<i>Unavailable</i> OnTRACK Lessons for Biology are supplementary Read more about BISD Distribution..	2	
Course Type: Epsilen - Complete							

Click on BISD OnTRACK Biology



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- Learning Matrix
- Take Notes
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- Course Home
- Syllabus
- Announcements
- Login

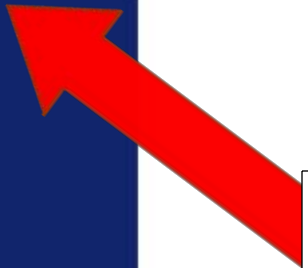
This course is accessible by members of the "BIRDVILLE ISD" Institution

[Join This Course](#)

Home

Welcome to BISD Distribution OnTRACK Physics v1.2
OnTRACK Lessons for Physics are supplementary lessons that align with the Texas Essential Knowledge and Skills. The lessons use video, graphics, and online activities to support classroom instruction and facilitate individualized intervention for students. While these lessons are organized as a Project Share "course," they do not cover every student expectation in the TEKS for the corresponding SBOE-approved course. Students cannot earn course credit by completing OnTRACK lessons

Institution: BIRDVILLE ISD



Click on Join This Course

LOGIN

Join to BISD Distribution OnTRACK Physics v1.2
(Epsilon account required to join this course)



Epsilon Secure Account Login

Username: Ⓜ ?

Password: Ⓜ ?

Remember me on this computer

- [I forgot my username](#)
- [I forgot my password](#)
- [I did not receive my account activation email](#)
- [Register for an Epsilon account](#)

[Go To Epsilon](#)



Re-enter your login to
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<http://www.epsilen.com/DawnaSchwei>
Welcome Dawna Schweitzer

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Join Course ?

To join this course, enter at least your first and last name below and then click "Join".

Course: BISD Distribution OnTRACK Physics v1.2

Description: OnTRACK Lessons for Physics are supplementary lessons that align with the Texas Essential Knowledge and Skills. The lessons use video, graphics, and online activities to support classroom instruction and facilitate individualized intervention for students. While these lessons are organized as a Project Share "course," they do not cover every student expectation in the TEKS for the corresponding SBOE-approved course. Students cannot earn course credit by completing OnTRACK lessons

Instructor:  [Karen Teeters](#)
Administrator
TX220902

Your Member Profile

First Name: *

Last Name: *

Your Title: * ?

QuickLink: Add a QuickLink to this course on my ePortfolio Web site Home Page



Click Join

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<http://www.epsilen.com/crs/12157272>

Switch to Course

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Welcome Dawna Schweitzer to BISD Distribution OnTRACK Chemistry v1.2

Disable Menu Tips

Exit Course

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Unread Announcements ?

Click the 'Continue' button following the announcements to proceed.

By

Announcement



[Karen Teeters](#)
Administrator
TX220902

[Welcome to OnTRACK Chemistry!](#)

Go to the Syllabus link in the left menu to get st... [Read More...](#)
7/23/2010

Continue



Click Continue

<http://www.epsilon.com/crs/12157271>

Switch to Course

[Exit Course](#) | [Log Out](#)

Welcome Dawna Schweitzer to BISD Distribution OnTRACK Physics v1.2

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Home ?

BISD Distribution OnTR...

Click on Lessons

Home - Course

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By

Announcement



[Karen Teeters](#)
Administrator
TX220902

[Welcome to OnTRACK Physics!](#)

Go to the Syllabus link in the left menu to get st...
[Read More...](#)
7/23/2010

Footprint ?



[Dawna S](#)
Today
2:20 PM



[Karen T](#)
Today
2:19 PM



[Karen T](#)
Today
2:12 PM



[Dawna S](#)
Today
2:10 PM

Search

[What is Footprint?](#)

the major cell types.

[Cell Processes - Homeostasis](#)

01/26/2011

Biology, Module 1, Lesson 3 - Given descriptions or illustrations, students will identify the organelles or systems involved in homeostasis and probab

[Photosynthesis](#)

02/03/2011

Biology, Module 1, Lesson 4 - Given descriptions or i
reaction of photosynthesis take place and the proc...

[Respiration](#)

02/10/2011

Biology, Module 1, Lesson 5 - Given descriptions or
reaction of respiration take place and the process

[Cell Processes - Fermentation](#)

05/06/2011

Biology, Module 1, Lesson 6 - Given descriptions or illustrations, students will identify where fermentation occurs and the results of fermentation.

[Cell Processes - Transport of Molecules](#)

03/04/2011

Biology, Module 1, Lesson 7 - Given descriptions or illustrations of molecular transport, students will identify the type of molecular movement in or ...

[Cell Reproduction - Mitosis](#)

03/01/2011

Biology, Module 1, Lesson 8 - Given illustrations, students will identify the stage, and the order and processes during each stage

[Disruptions of the Cell Cycle: Cancer](#)

02/03/2011

Biology, Module 1, Lesson 9 - Given illustrations or descriptions, students will identify disruptions of the cell cycle that lead to disease such as c...

[Virus-Structure](#)

02/28/2011

Biology, Module 1, Lesson 10 - Given illustrations, students will distinguish between viral structure and cellular structure.

[Viral Reproduction](#)

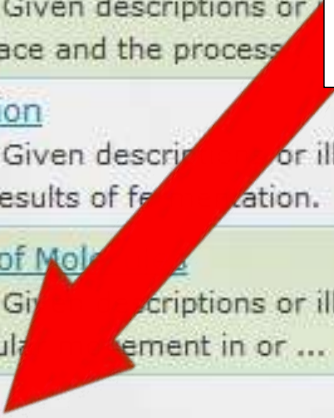
02/03/2011

Biology, Module 1, Lesson 11 - Given illustrations, students will identify the methods of viral reproduction.

[Virus - Disease](#)

02/28/2011

Scroll Down and Click
on Cell Reproduction -
Mitosis



The Cell Cycle Overview

Nearly all cells can grow by increasing in size, but eventually, most cells divide after growing to a certain point. There are 3 main reasons why cells divide rather than continue to grow.

1. The larger a cell becomes, the more demands the cell places on its DNA.
2. A larger cell is less efficient in moving nutrients and waste materials across the cell membrane.

Lesson Sections (Click below section to view details)

[The Cell Cycle Overview](#)

[Interphase- S Phase: DNA Replication](#)

[The M Phase: Overview](#)

[Stages of Mitosis](#)

[What Phase?](#)

[Cytokinesis](#)

[Stages of Mitosis Review](#)

[Test Your Understanding](#)

[Resources](#)

DO NOT CLICK ON ANYTHING

Notice the Lesson Sections at the top. These are the topics this lesson will cover.

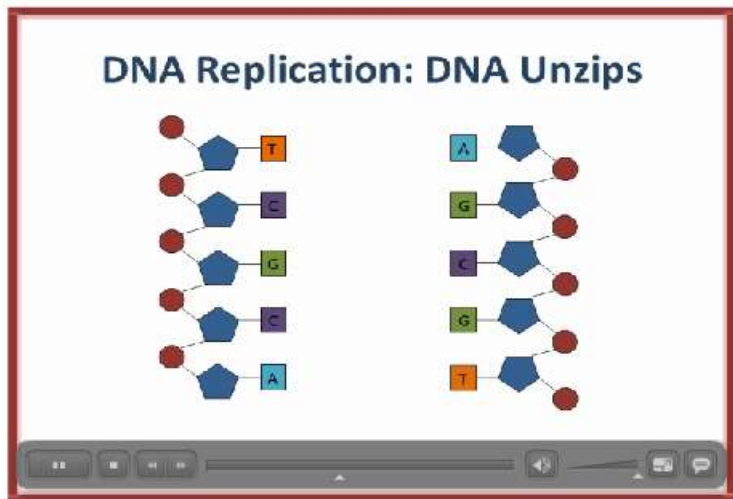
the Top Right.



Interphase- S Phase: DNA Replication

Before a cell divides, it duplicates its DNA in a copying process called **replication**. This process, which occurs in the S phase of interphase of the cell cycle, ensures that each resulting cell has the same complete set of DNA molecules. Watch the following animation to learn what happens during DNA replication. Pay close attention to the function of 2 enzymes, **DNA helicase** and **DNA polymerase**.

Video Segment



Interactive Exercise

Let's see what you learned during that video! Answer the following questions.

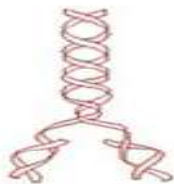
- The enzyme responsible for adding new nucleotides to the open strand of DNA and checking for duplication is [Check your answer.](#)
- The enzyme responsible for unzipping the DNA is [Check your answer.](#)
- Match the following descriptions with the pictures below.

Parent DNA

Base Pairing

DNA Zips Up

DNA Unzips



?



?



?

CLICK NEXT
AND LETS
MOVE ON

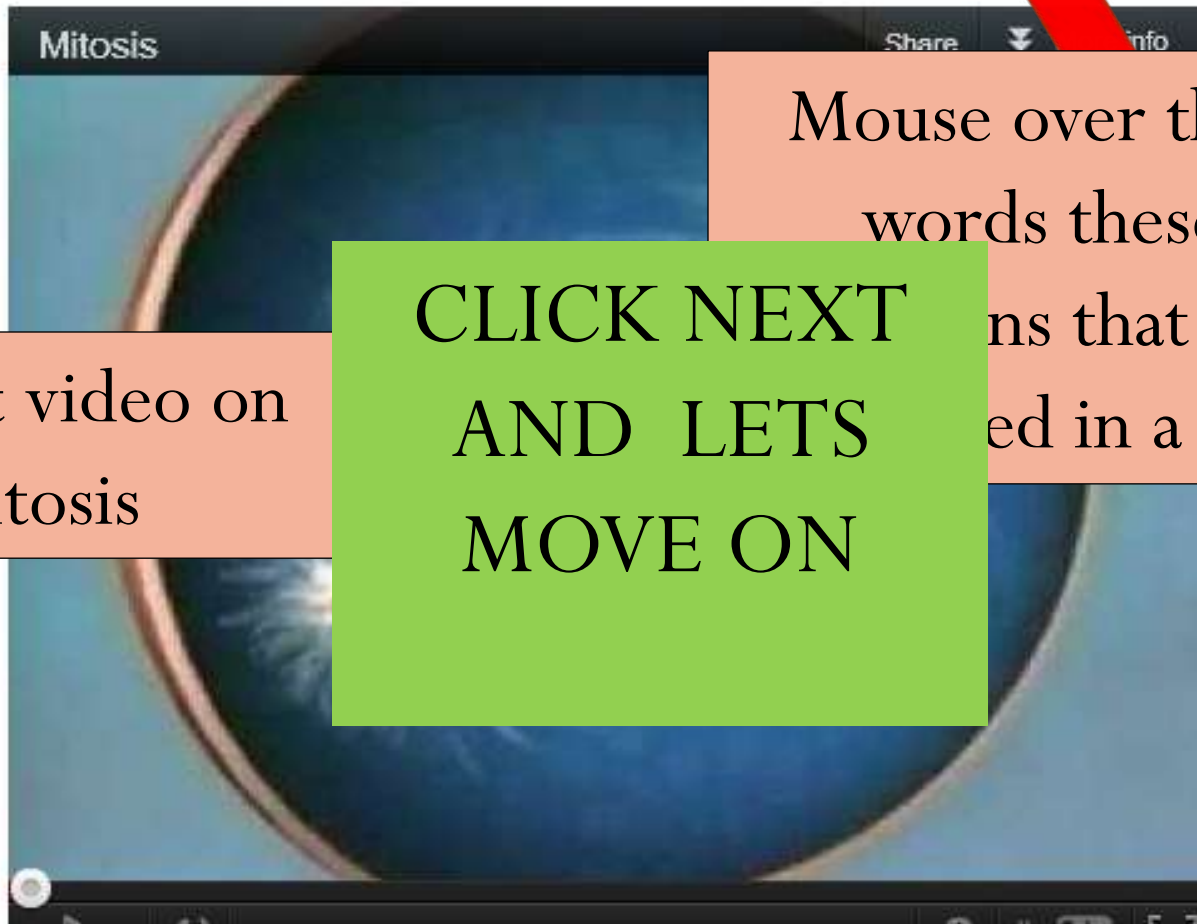
Reset

The M Phase: Overview

The M phase of the cell cycle, which follows interphase, produces two [daughter cells](#). The M phase takes its name from the processes of [mitosis](#). During the normal cell cycle, interphase can be quite long. In contrast, the process of cell division usually takes place quickly. The M phase occurs in two main stages. The first stage of the process, division of the cell nucleus is called mitosis. The second stage, the division of the cytoplasm is called [cytokinesis](#).



Watch the following video for an overview of the M phase. See if you can determine where mitosis ends and cytokinesis begins.



A short video on
mitosis

CLICK NEXT
AND LETS
MOVE ON

Mouse over the blue
words these are
links that could be
used in a journal

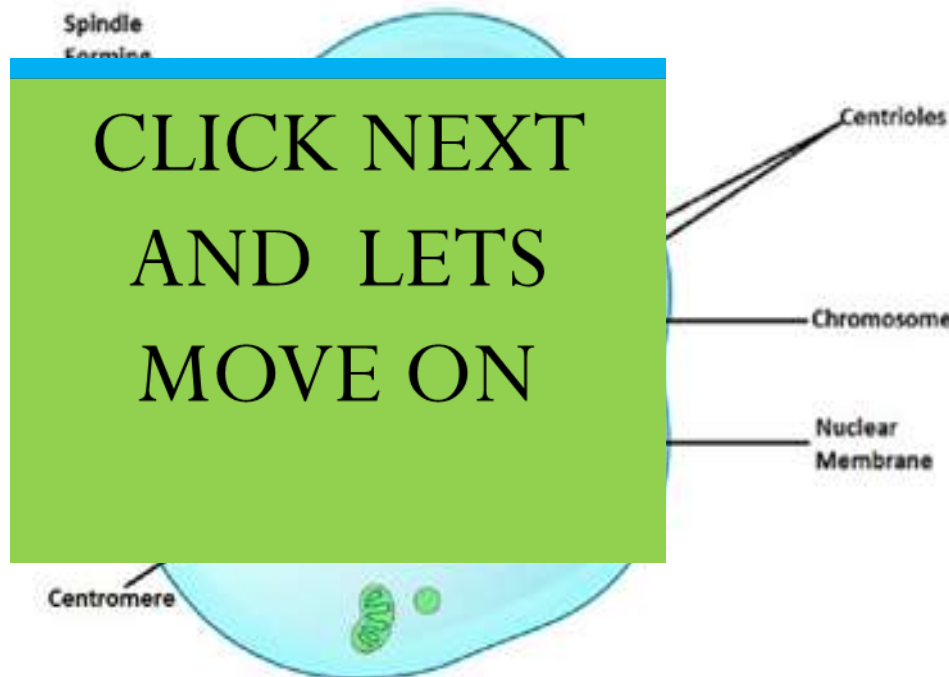
Stages of Mitosis

Scientists divide the stages of mitosis into four phases: Prophase, metaphase, anaphase, and telophase. Any easy way to remember the phase in order is PMAT. Depending on the type of cell, mitosis may last anywhere from a few minutes to several days.

Read and study the pictures below to learn what happens in each stage of mitosis.

Prophase:

The first phase of mitosis, **prophase**, is usually the longest and may take up to half of the total time required to complete mitosis. The duplicated strands of DNA as well as the **centromere** can be seen. Each DNA strand in the duplicated chromosome is referred to as a **chromatid**. The cell starts to build a **spindle**. Spindle fibers extend from the centrioles. The **centrioles** start to move toward opposite ends, or poles, of the cell. As prophase ends, the chromosomes coil more tightly, the nucleolus disappears, and the nuclear membrane disappears. Study the pictures below. The first diagram shows a scientific drawing of prophase. The second image is a prophase as seen from the microscope and the third image is a simplified sketch.



Source: Drawing adapted from Prophase, Mohamed Ibrahim, Ctker

Notice it compares a cell drawing to a real cell in each phase – highly visual



Source: Drawing adapted from Mitosis, Dr.

Roll Down the Screen and look at the pictures

What Phase?

Interactive Exercise

Let's see what you have learned! Read the following statements. Determine which phase of mitosis is being described. Drag it to the appropriate column.

chromosomes begin to spread out into a tangled mass of chromatin

chromosomes separate and move along spindle fibers to opposite ends of the cell

the longest phase

nuclear membrane re-forms

chromosomes line up across center of the cell

chromosomes attach to the two poles of the spindle

centrioles start to move toward opposite poles

chromatids suddenly separate and begin to move apart

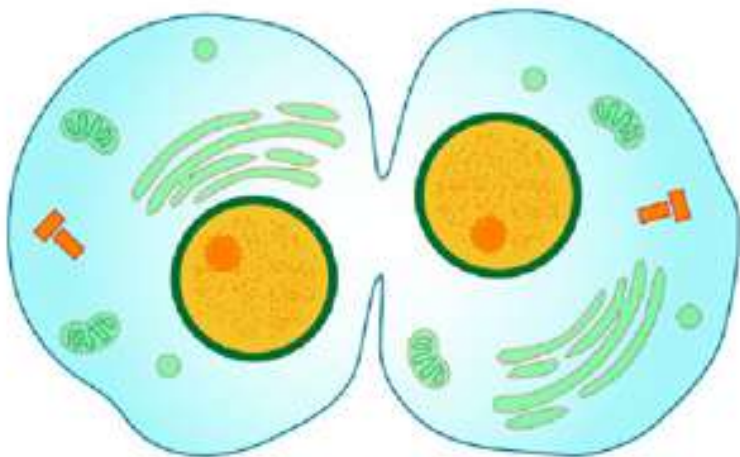
nuclear membrane disappears

CLICK NEXT AND LETS MOVE ON

PROPHASE	METAPHASE	ANAPHASE	TELOPHASE
?	?	?	?
?	?	?	?
?	?	?	?
?	?	?	?

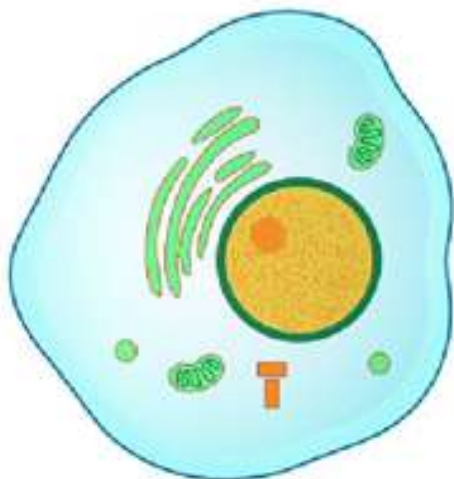
Cytokinesis

As a result of mitosis, two nuclei each with a duplicate set of chromosomes are formed. All that remains to complete the M phase of the cycle is cytokinesis, the division of the cytoplasm. Cytokinesis usually occurs at the same time as telophase.

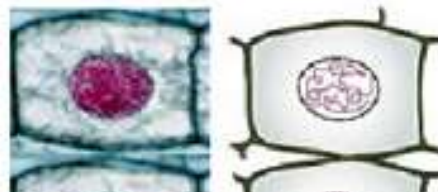


Source: Cytokinesis, Mohamed Ibrahim, Clker

Once cytokinesis is complete two new daughter cells are formed. E



Source: Interphase, Mohamed Ibrahim, Clker



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**CLICK NEXT
AND LETS
MOVE ON**



Source: Drawing adapted from Mitosis, Dr. Martin Huss, Arkansas State

Stages of Mitosis Review



A biology student made the following drawings in her logbook as she observed onion cells through the microscope.

1. Create a chart similar to [this one](#) in your notes. Complete the chart by writing the characteristics that will help you identify each stage. [See a completed chart.](#)



2. Using your chart, identify the stage of mitosis for each drawing's number to the correct area of the chart below. The first one has been done for you.

Interphase	Prophase	Metaphase	Anaphase	Telophase
		1		


Take Notes
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Student Reports

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Summary: Biology, Module 1, Lesson 8 - When illustrations, students will identify the stage, and the order and processes during each stage

Lesson Sections (Click below section to view details)

[The Cell Cycle Overview](#)

[Interphase- S Phase: DNA Replication](#)

[The M Phase: Overview](#)

[Stages of Mitosis](#)

[What Phase?](#)

[Cytokinesis](#)

[Stages of Mitosis Review](#)

[Test Your Understanding](#)

[Resources](#)

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Test Your Understanding

It's time to take the **BM1L8** Test!

Please do the following:

1. Click on the **Tests/Quizzes** button in the left column to the right of the test in the Action column.
2. When you have completed the test, click the **Next** button.
3. Close the window to return to this page.
4. To review your results, click the **Tests/Quizzes** button in the left column.
5. Under **Past Tests/Quizzes** at the bottom of the page, click the **Test Results** button to view your test results.

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CLICK NEXT
AND LETS
MOVE ON

... will ... the test
... it in a

Resources

Additional Resources

Please note that the resources open in a new window/tab in your browser. To return to this lesson, close the additional resource window/tab.

Another overview of the cell cycle.

[Cell Cycle](#)

This animation review

[Mitosis](#)

Review of the stage

[Stages of Mitosis](#)

The following two are

[DNA Replication](#)

[Mitosis Processes](#)

CLICK
PREVIOUS AND
LETS SEE THE
TEST

These resources are here in case a student does poorly on the test or they want to build on what they already know.

- Take Notes
- Grade Book
- Tests/Quizzes
- Student Reports
- Help FAQ
- Options
- Disable Menu Tips
- Exit Course
- Log Out of Epsilon

Summary of Biology, Module 1, Lesson 8 - Given illustrations, students will identify the stage, and the order and processes during each stage

Lesson Sections (Click below section to view details)

[The Cell Cycle Overview](#)

[Interphase- S Phase: DNA Replication](#)

[The M Phase: Overview](#)

[Stages of Mitosis](#)

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Test Your Understanding

It's time to take the **BM1L8 Test**

Please do the following:

1. Click on the **Tests/Quizzes** button in the left menu, then click on the **Test Your Understanding** link to the right of the test in the Action column. The test will open in a new window.
2. When you have completed the test, click the **Submit** button.
3. Close the window to return to this page.
4. To review your results, click the **Tests/Quizzes** button in the left menu, then click on the **Test Your Understanding** link to the right of the test in the Action column.
5. Under **Past Tests/Quizzes** at the bottom of the page, click on the **Test Your Understanding** link to view your test results.

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Ready to take the
BM1L8 Test
(Biology Module 1
Lesson 8 Test)

Write the Test number
down

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processes during each stage

Lesson Sections (Click below section to view c

[The M Phase: Overview](#)

[Stages of Mitosis](#)

[What Phase?](#)

[Cytokinesis](#)

[Stages of Mitosis Review](#)

[Test Your Understanding](#)

[Resources](#)

Click Test / Quizzes
(Testing Your
Understanding, seen
below, is not a quiz but
is just more resources)

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Test Your Understanding

Next

It's time to take the **BM1L8** Test!











Please do the following:

1. Click on the **Tests/Quizzes** button in the left menu. Scroll through to find the **BM1L8** test and click on the arrow to the right of the test in the Action column. The test will open in a new window.
2. When you have completed the test, click the **Submit** button.
3. Close the window to return to this page.
4. To review your results, click the **Tests/Quizzes** button in the left navigation.
5. Under **Past Tests/Quizzes** at the bottom of the page locate the **BM1L8** test. Click on the magnifying glass icon to view your test results.

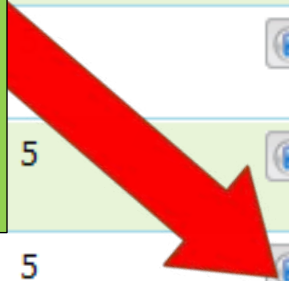
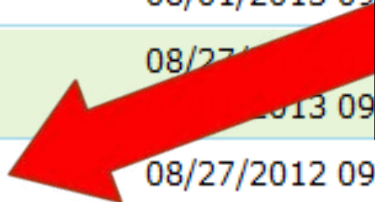
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Tests/Quizzes

Type	Item	Start/End	Remaining Attempts	Max Points	Action
Test	BM0L2 Test	08/27/2012 09:30 AM 08/01/2013 09:48 AM	1/1	4	
Test	BM1L10 Test	08/27/2012 09:30 AM 08/01/2013 09:48 AM	1/1	4	
Test	BM2L2 Test	08/27/2012 09:30 AM 08/01/2013 09:48 AM	1/1	4	
Test	BM2L1 Test	08/27/2012 09:30 AM 08/01/2013 09:48 AM	1/1	5	
Test	BM1L8 Test	08/27/2012 09:30 AM 08/01/2013 09:48 AM	1/1	5	
Test	BM0L4 Test	08/27/2012 09:30 AM 08/01/2013 09:48 AM	1/1	4	
Test	BM2L4 Test	08/27/2012 09:30 AM 08/01/2013 09:48 AM	1/1	5	
Test	BM2L3 Test	08/27/2012 09:30 AM 08/01/2013 09:48 AM	1/1	5	
Test	BM1L7 Test	08/27/2012 09:30 AM 08/01/2013 09:48 AM	1/1	5	
Test	BM0L5 Test	08/27/2012 09:30 AM 08/01/2013 09:48 AM	1/1	3	

Find BM1L8 Test then click on the blue arrow to start the test.



1.



A student observes a cell under a microscope undergoing mitosis, what is the phase that occurs **before** this one?

- A. Metaphase
- B. Anaphase
- C. Prophase
- D. Telophase

Click Next & Finish the Test

How Can I Use These Quizzes

1. Project on the board and do them whole class for review.
2. Use them in my common formative assessments
3. Assign them to students to take at home or on a class laptop

LESSON STRUCTURE



- What types of interactive technology were used in this lesson?
- How does each type of interactive technology used in this OnTRACK lesson enhance the Science being taught in the lesson?

- What are the different ways this OnTRACK lesson could be used in a classroom?
- What are the different ways that OnTRACK lessons could be used in a school?

OnTRACK Uses

- Texas Law requires that districts provide accelerated instruction for all students who do not achieve satisfactory performance on their grade-level or course-level STAAR exam.
- OnTRACK Lessons can provide remediation for -
 1. Summer School
 2. After School Tutorials
 3. During School Tutorials

OnTRACK Uses

- Lesson Videos, games etc. can be projected and used for whole-group instruction and discussions
- Teachers can set-up an OnTRACK “center” in their classroom. Could be used to provide an alternate method of instruction for a small group of students who did not demonstrate mastery of a particular skill or concept.
- OnTRACK lessons can be used as enrichment so teachers can work with other students who need more personalized instruction.
- On-TRACK can be used as a review by any student prior to a summative test.
- It is available 24-7.

PROJECT SHARE

- The Texas Education Agency (TEA) is proud to announce a new initiative that will explore the development and delivery of high quality professional development in an interactive and engaging learning environment. Project Share utilizes a collection of Web 2.0 tools and applications to provide professional development resources for teachers across the state. These resources will help develop professional learning communities where educators can collaborate and participate in online learning opportunities.

Through Epsilon, teachers can:



- Complete online professional development courses
- Collaborate and share resources with other teachers
 - same interests
 - same professional development needs
- Access digital content such as
 - Online repositories
 - State owned instructional materials

Project Share Phase I



- Professional Learning Communities (PLCs)
 - Discussions, collaboration, and sharing among educators
 - Ongoing learning opportunities for PD participants
- Professional Development
 - Science, Math, English Language Arts, and CTE TEKS
 - English Language Proficiency Standards (ELPS)
 - College and Career Readiness Standards (CCRS)
- iTunesU
 - Digital content

Professional Development



- Project Share enables Professional Development and continues to move PD in innovative directions.
- Project Share offers new opportunities beyond the face-to-face experience.
- Courses are currently available.

2012 Professional Development Options



- Biology End of Course Success
- Chemistry End of Course Success
- Physics End of Course Success
- Science TEKS Overview for Grades K-12
- Science Academies for Grades 5-8
- English Language Proficiency Standards (ELPS)
- Career & Technical Education

Available via Epsilen and/or iTunesU

New York Times Templates

Articles from 1851, as well as commentary, analysis, video, and multimedia

The New York Times Knowledge Network

Population: Migration Across Borders

INTERACTIVE MAP



Snapshot: Global Migration
Nearly 100 million people, about three percent of the world's population, lived outside their country of birth in 2005.

Border Crossings

INTERACTIVE FEATURE

In a World on the Move, a Tiny Land Strains to Cope

June 24, 2007

Jason DeParle examines global migration and its consequences.

• **Related Article: World on the Move**
• **More Africans Enter U.S. Than in Days of Slavery (Feb. 21, 2005)**

IN THE MAGAZINE

Should We Globalize Labor Too?

By JASON DEPARLE
June 10, 2007

These days, capital and goods cross borders with ease. Lant Pritchett says that if the developing world's workers could do the same, everyone would benefit.

The New York Times Knowledge Network

Henry Ford's Innovation

FROM THE ARCHIVE



Ford Minimum Wage Is \$5 a Day

January 6, 1914

The head of the Ford Motor Company has announced one of the most remarkable business moves of his entire remarkable career.

- **Henry Ford Explains Why (Jan. 11, 1914)**
- **Editorial: The Ford Example (Jan. 11, 1914)**
- **Ford Workers Receive First Bonus (Jan. 28, 1914)**
- **Ford Is Pleased By Profit Plan (June 19, 1914)**

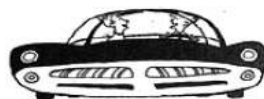
Ford Describes His Labor Utopia

Jan. 23, 1915

A federal commission is frankly amazed at the manufacturer's description of what has been accomplished.

- **One Auto for Each 25 Americans (August 6, 1916)**
- **Film Review: The First Auto (June 28, 1927)**
- **Ford Hails Machine as Man's Liberator (Jan. 10, 1929)**

50 Years Later



The New York Times Knowledge Network

The Climate Change Debate

VIDEO

The Global Warming Debate

Science reporter Andrew C. Revkin discusses the recent media attention given to climate change.



- **On the Climate Change Beat, Doubt Gives Way to Certainty (Feb. 6, 2007)**
- **Scientist at Work | Melding Science and Diplomacy to Run a Global Climate Review (Feb. 6, 2007)**

The Climate Divide

INTERACTIVE FEATURE



Global Winners and Losers

The countries that have produced most of the greenhouse gases in the atmosphere are also best equipped to deal with their effects.

INTERACTIVE FEATURE

Four Fronts

Malawi, India, the Netherlands and Australia will experience global warming in very different ways.



The Kyoto Protocol

178 Nations Reach Climate

The New York Times Knowledge Network

Cinematography

From the Archive



MOVIE REVIEW

Murnau's Drums and Fifes of Life

By MORDAUNT HALL
October 2, 1927

The German director reveals himself to be a student of psychology, a rarity in the film world.

- **Strange Cinema Device (Nov. 18, 1928)**

The Mother of the American Avant Garde

By CECILE STAR
May 2, 1976



The gospel of the low-budget, personal, experimental film was first preached in this country by the explosive Maya Deren.

His True Power is Emotion

By FRANCOIS TRUFFAUT
March 4, 1979

The career of Alfred Hitchcock proves that a film director can be successful by making his obsessions accepted by the entire world.

MOVIE REVIEW

The Thin Blue Line

By JANET MASLIN
August 26, 1980

Errol Morris's film is both a murder investigation and a harrowing look at the difference between truth and fiction.

The New York Times Knowledge Network

The Exxon Valdez Oil Spill

THE FRONT PAGE



Largest U.S. Tanker Spill Spews 270,000 Barrels of Oil Off Alaska

By PHILIP SHABECOFF
March 25, 1989

A tanker filled to capacity with crude oil ran aground and ruptured yesterday, spewing her cargo into water rich in marine life.

- **Alaska Aide Assails Oil Industry For 'Inadequate' Response to Spill (March 26, 1989)**
- **Editorial: Oil on the Water, Oil in the Ground (March 30, 1989)**

Oil on Surface Covers Deeper Threat

By MALCOLM W. BROWNE
March 31, 1989

The poisonous effects of the Alaskan oil spill could be unusually persistent, scientists said.

- **Studying Oil Spill's Damage to Wildlife, Scientists Hope to Salvage Lessons (April 2, 1989)**

Looking Into the Oil Industry

Under Oil's Powerful Spell, Alaska Was Off Guard

By KETH SCHNEIDER
April 2, 1989

All through this decade, while earning billions from petroleum, Alaskans have allowed the oil industry to save money by

The New York Times Knowledge Network

Resource Management: Sustainability

IN THE MAGAZINE



The Power of Green

By THOMAS L. FRIEDMAN
April 15, 2007

How do we get scalable, clean, emissions-free power at the China price?

- **Video: The Power of Green**

Managing Planet Earth

Forget Nature. Even Eden Is Engineered.

By ANDREW C. REVKIN
August 20, 2002

Scientists agree that choices made in the next decade are likely to determine the health of the environment well into the next century.

- **Interactive Graphic: Look What We've Done...**

A CONVERSATION WITH DANIEL BOTKIN


Adjusting Attitudes on Energy to Keep Our Favorite Things

By CLAUDIA DREIFUS
August 20, 2002

Dr. Daniel B. Botkin, a professor of biology, has done much to popularize sustainability.



NYT content templates can be integrated directly into online lessons.



Course

<http://www.epsilen.com/crs/098749>

Welcome Mark Bechara to How the Brain Works, Self-Paced

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Lesson View

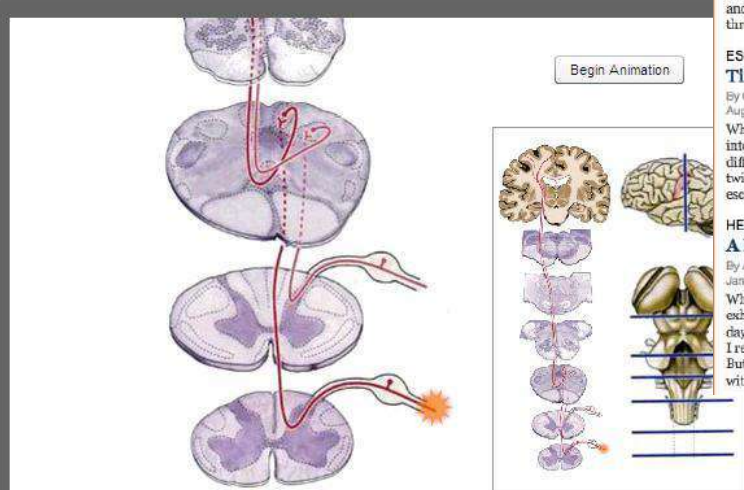
Lesson Title: 2. Introduction to The Brain's Wiring Diagram
Summary: General anatomy of the brain

Lesson Sections (Click below section to view details)

- [a\) Exploration - a poem](#)
- [b1\) Study](#)
- [b2\) Study - Animation](#)
- [c\) Perspective](#)
- [d\) Food For Thought](#)

b2) Study - Animation

Please click "Begin Animation" (to the far right) in the window below. If you have trouble viewing,



The New York Times

Knowledge Network

nytimes.com/knowledge

Wellness

BLOGS | BY DESIGN

What Healthcare Should Look Like

By ALLISON ARIEFF
September 28, 2006

Design may seem frivolous to consider when lives are at stake, but proactive change in the realm of healthcare could help to make that context about *wellness* more than illness.

Pick Your Poison

HEALTH

Wellness Programs Offered

By KATE STONE LOMBARDI
March 9, 1997

In an effort to reach beyond the population it has traditionally served, the mentally ill, New York Hospital-Cornell Medical Center, Westchester Division, is offering a new program, "Family and Wellness Service," focusing on preventive care with a three-part series of workshops and lectures.

ESCAPES

Time for Insight or Your Chakras

By CINDY HIRSCHFELD
August 3, 2007

When the unanswered e-mail messages are well into double digits, you can no longer tell the difference between the kids' and the dog's toys, and twice-weekly yoga classes barely make a dent, it may be time to escape to a wellness festival.

HEALTH

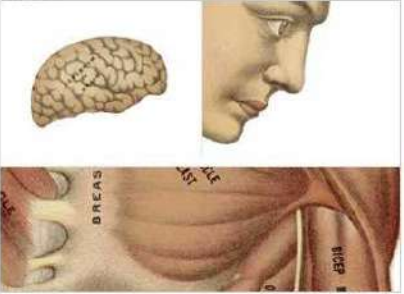
A No-Drug Approach To Wellness

By ANNA FELLS, M.D.
January 23, 2001

When I first met Mr. J. in my office he looked terrible -- anxious, exhausted, demoralized. He had stopped going to work several days earlier and was mostly staying in bed. After taking his history, I recommended psychotherapy and medication for his depression. But he would not consider taking medication. He wanted to deal with his depression, he said, "without depending on drugs."

Special Section

HEALTH



Well: A Guided Tour of Your Body

In this special section, you'll be able to learn the best that science and medicine can offer for taking care of yourself. You can also test your knowledge and read more health news at the Well blog.

Not All Well and Good

HEALTH

The Hole in Holistic Medicine

By NICHOLAS WADE
April 29, 1983

"Insofar as it extends beyond banality," write two philosophers, Clark Glymour and Douglas Stalker, in this week's New England Journal of Medicine, "the holistic medical movement constitutes both a deliberate attempt to substitute a magical for an engineering conception of the physician and an attack on scientific understanding and reasoning."

Wellness Is Good Business

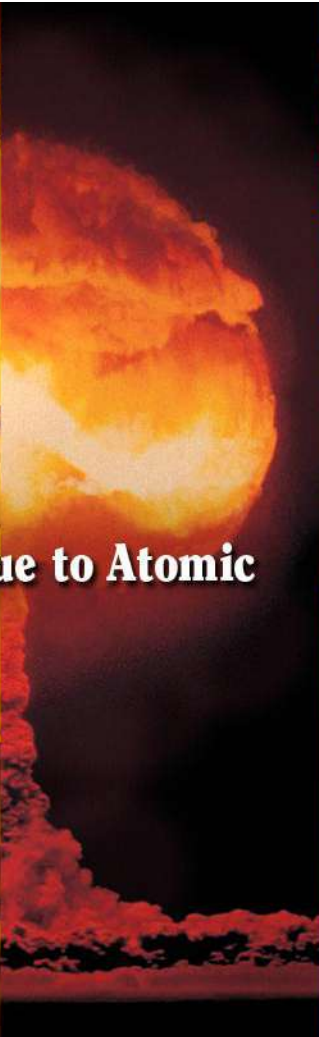
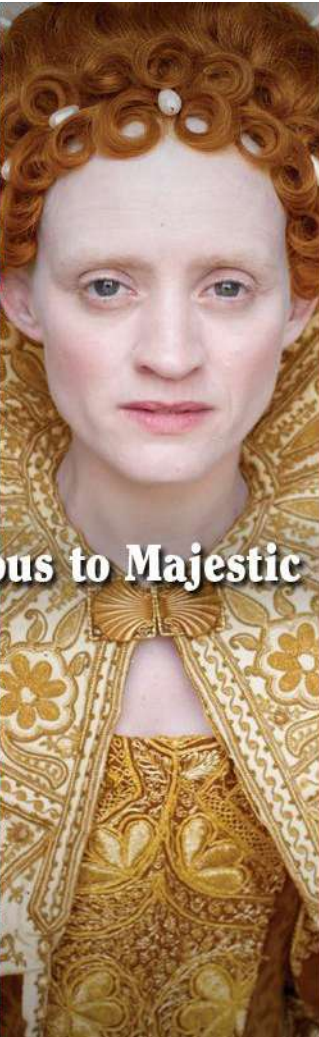
YOUR MONEY

Wellness Programs Try to Be Welcoming, Too

By KELLEY HOLLAND
July 22, 2007

Ah, July: an ideal time of year for morning runs, long swims, family bike rides and picnic tables laden with seasonal produce. In short, it's healthy time. Unfortunately, it's also health care time—when managers must contend with rising health

Texas PBS Partnership



From Mysterious to Majestic

From Antique to Atomic

From Exploration to Expose

Project Share: A Growth Process



- As Project Share continues to grow, other digital tools will be made available to all educators so that they can continue to pursue professional development opportunities and, at the same time, become skillful users of the digital tools K-12 students frequently use in and out of school.

<http://www.epsilen.com/crs/12157271>

Welcome Dawna Schweitzer to BISD Distribution Online TRACK Physics v1.2

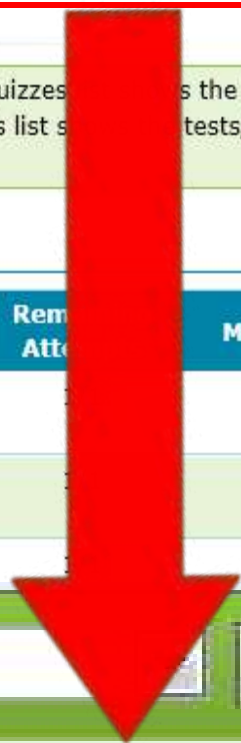
Add your favorite tools by dragging the links from left navigation

Tests/Quizzes ?

Use this tool to take and review your tests/quizzes for this course. The Tests/Quizzes list shows the tests/quizzes that are either currently available to take or will be in the future. The Past Tests/Quizzes list shows tests/quizzes that you have either completed or missed.

Tests/Quizzes

Type	Item	Start/End	Rem Att	Max Points	Action
Test	PM3L1 Test	08/27/2012 09:30 AM 08/01/2013 09:55 AM		5	
Test	PM1L1 Test	08/27/2012 09:30 AM 08/01/2013 09:55 AM		5	
Test	PM4L1 Test	08/27/2012 09:30 AM		4	



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- Take Notes
- Grade Book
- Tests/Quizzes
- Student Reports
- Help FAQ
- Options

Remainder of Day

- Download both the biology and the chemistry courses
- Select a course that you teach and look at the lessons that align with the second six weeks that you are teaching. Decide how you can incorporate OnTRACK into your classroom instruction.