



***SWRS FY18***  
***Curriculum Guide***  
***&***  
***Resources***

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# Curriculum Resources

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# Elementary Curriculum

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## Reading Mastery: Kindergarten-1<sup>st</sup> Grade

**Reading:** Student Reading Storybooks, Student Workbooks (A-B-C), Practice Decodable Stories (Blackline Masters), Teacher Set, SRA Lesson Connections, Phonemic Awareness Cards, Test Booklets, Training DVD (with modeled lesson and phonemic awareness pronunciation chart)

**Language Arts:** Student Workbook (A/B, C/D), Teacher Material Kit, Teachers Guide, Training DVD (with modeled lessons)

## Reading Mastery: 2<sup>nd</sup> Grade-5<sup>th</sup> Grade

**Reading:** Student Reading Textbooks, Student Literature Anthology Textbook, Student Workbooks, Teacher Material, Teacher Guides, and Test Booklets

**Language Arts:** Student Textbook, Student Workbook, Teacher Material, LA Teachers Guide

## GoMath K-5

**Hard Copy:** Teacher Resources/Edition, Student Edition (Write-in Textbook/Write-in Extra Practice), RTI- 3 tier interventions, Grab & Go Center Activities, Wipe off boards, Manipulative Kits

**Online Resources** ([thinkcentral.com](http://thinkcentral.com)): Teacher Resources/Edition, Student Edition, Guides and Tutorials, Online classes, assignments, and assessments, ePlanner, Animated Math Models, HMH Mega Math, iTools, Projects, eGlossary, eStudent Edition, Soar to Success Math, Professional Development Video Podcasts, Real-World Videos, Interactive White Board Lessons

**USER NAME:**

**PASSWORD:**

**Reflex Math** ([www.reflexmath.com](http://www.reflexmath.com))

**USER NAME:**

**PASSWORD:**

## SCIENCE — FY18 Year 3:

Teachers will be informed with the new material ordering process. No textbook; binders with lessons.

K-2 [www.aksci.org](http://www.aksci.org)

Year	Physical Science Winter	Earth Science Spring	Life Science FALL
1	<b>Properties of Matter</b> 1. Classifying Matter 2. Observing Reactions	<b>Water Cycle, Rock Cycle, Weather</b> 1. Observing the Weather 2. Freezing, Thawing & Evaporating 3. Looking at Rocks	<b>Biodiversity</b> 1. Living & Nonliving 2. Needs of Living Things/Life Cycles 3. Alike & Different
2	<b>Motions &amp; Forces</b> 1. How Things Move 2. Vibrations Make Sound 3. Magnets	<b>Forces that Shape the Earth</b> 1. All Sizes & Shapes of Rocks 2. Changes Happen to Our Surroundings	<b>Interdependence in Ecosystems</b> 1. Plants & Animals Need Each Other 2. Different Places, Different Plants & Animals
3	<b>Energy Transfer &amp; Transformation</b> 1. The Sun Warms the Land, Air & Water 2. Insulation	<b>Solar System &amp; Universe</b> 1. Observing the Sun 2. The Moon Looks Different 3. Stars in the Sky	<b>Adaptations &amp; Changes Over Time</b> 1. Plant & Animal Features for Survival 2. Offspring & Parents 3. Alive in the Past

3-5 Tubs [www.aksci.org](http://www.aksci.org)

Teachers will be informed with the new material ordering process. No textbooks; binders with lesson

1	<b>Properties of Matter</b> 1. Solid, Liquid, Gas 2. Heating, Cooling & Change Winter = Physical	<b>Water Cycle, Rock Cycle, Weather</b> 1. Water Movement 2. Rocks & Soils 3. Weather Patterns Spring = Earth	<b>Biodiversity</b> 1. Comparing Living Things 2. Systems and Structures Fall = Life
2	<b>Motions &amp; Forces</b> 1. How Forces Change Motion 2. Moving Without Touching	<b>Forces that Shape the Earth</b> 1. Features of the Land 2. Erosion, Deposition & Soil 3. Catastrophic Events	<b>Interdependence in Ecosystems</b> 1. Food Chains & Energy 2. Interactions Between Organisms
3	<b>Energy Transfer &amp; Transformation</b> 1. Insulators & Conductors of Heat 2. Different Kinds of Energy 3. Changes Made by Energy	<b>Solar System &amp; Universe</b> 1. Changing Daylight, Changing Seasons/Movements of Earth 2. Phases of the Moon 3. Objects in the Sky	<b>Adaptations &amp; Changes Over Time</b> 1. Organisms Match their Environment 2. Traits are Inherited 3. Fossils

## Social Studies Alive! K-5

—(4<sup>th</sup> Grade: Alaska Studies) — Textbook

**Kindergarten:** Me and My World

**1st Grade:** My School and Family

**2nd Grade:** My Community

**3rd Grade:** Our Community and Beyond

**5th Grade:** Regions of Our Country

**Hard Copy:** Lesson Masters, Lesson Guide, Assessments, Student Edition,

Interactive Student Notebook, Visuals, Placards, Interactive Desk Maps, and Sounds of Social Studies; (4<sup>th</sup>)

Alaska textbook, \*\*\*TEACHER RESOURCES ONLY AVAILABLE ONLINE\*\*\*

**Online Resources** ([teachtci.com](http://teachtci.com)): **ALL TEACHER MATERIALS** Classroom Presentation, **GETTING STARTED TUTORIALS**, Assessment Tools, Classroom Management, Differentiated Instruction, Standard Correlation and Alignment, Teacher Guide, Gradebook, Reading Tools, Lesson Activities, Student View (plays text)

**USER NAME:**

**PASSWORD:**

## Physical Education

Adopted Spring 2016 —  
Framework located in SWRS Curriculum and Instruction Folder in Google Docs

SWRS PE Framework is aligned to state and national standards, and ***Ready To Use PE Activities*** book for K-2, 3-4, 5-6

### Contents in the framework

Skill Progression Chart K – 5

Grades K – 2: Framework (Outcomes & Activities)

Grades 3 – 5: Framework (Outcomes & Activities)

## Health

Adopted Spring 2016 (Binders for each grade level located at site—“Blackline Master”)

### Healthy Lifestyle and Choices

#### Program Overview

This comprehensive, sequential program provides youth with the knowledge and skills practice to make healthier choices. Taught cross-curricular or as part of physical education, the HLC Behavioral-Health Curriculum should be implemented once per week over a 45-minute period. Each lesson includes five easy steps and a lesson booster activity for key message reinforcement. The new second edition features the **Case Crusaders®**, an animated cast of characters who make complex social and emotional concepts easier for youth to grasp. Topics covered include:

- Life Skills
- Nutrition
- Fitness
- Safety
- Conflict Resolution/Violence Prevention
- Substance Abuse Prevention

#### Highlights

- Easy to use, 5-step lessons
- Comprehensive and hands-on, requiring few supplies
- Includes the new [choosemyplate.gov](http://choosemyplate.gov) guideline for food portions and variety, and the most recent fitness recommendations for youth
- The HLC Poster Set supplements the program by illustrating key concepts
- Aligned cross-curricular and with the National Health Education Standards
- Proven to positively impact health knowledge and behaviors
- Includes program knowledge and behavioral assessments

# Language Arts Curriculum Middle and High School

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## MS Language Arts

Reading/Oral 6<sup>th</sup>/7<sup>th</sup>/8<sup>th</sup>: *EMC Mirrors & Windows*: Level I (6<sup>th</sup>) Level II (7<sup>th</sup>) Level III (8<sup>th</sup>) 2009, Student & Teacher Hardcopy Textbooks. Teacher has online access to all materials. No online access for students. Student *Grammar and Style* workbook.

**username:** **password:**

[ AGS and Language Essentials on hold for one year — *Grammar and Style* workbook in its place ]

## HS English I, II, III, IV; ELA Courses

Reading 9<sup>th</sup>/10<sup>th</sup>/11<sup>th</sup>/12<sup>th</sup>. *EMC Mirrors & Windows*: Level IV (9<sup>th</sup>); Level V (10<sup>th</sup>); Level VI "American Traditions" (11<sup>th</sup>); Level VII "British Traditions" (12<sup>th</sup>/Optional). Student and teacher hardcopy textbooks. Teacher has online access to all materials. No online access for students. Student *Grammar and Style* workbook.

**username:** **password:**

[ Language Essentials on hold for one year — *Grammar and Style* workbook in its place ]

Other Teacher Texts:

AGS: English for the World of Work (12<sup>th</sup>/Optional)

Nexttext Essentials of Speech Communication (12<sup>th</sup>/Optional)

Nexttext Introduction to Journalism (11<sup>th</sup> - 12<sup>th</sup>/Optional)

Online Resources:

[vocabulary.com](http://vocabulary.com) — academic vocabulary resource

**username:**

**password:**



# Math Curriculum Middle & High School



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## GoMath 6-8

Hard Copy: Teacher Edition and Resources, Student Edition, Assessment, OnCore Activity Generator CD

Online Resources (my.hrw.com): Teacher Edition and Resources, Guides and Tutorials, Help Center, Interactive Answers and Solutions, myNotebook, Teacher One Stop, Student Edition, Student Resources, ExamView, Real World Videos, Practice Skills, Animated Math, Math OnCore Interactive (Interactive Lessons: SmartBoard/Promethean), Reflex Math (Math fact practice)

**User Name:**

**Password:**

## Pre-Algebra Holt McDougal Larson

Hard Copy: Teacher Edition and Resources, Teacher One-Stop CD, Lesson Tutorial Videos CD, Interactive Answers and Solutions CD, Student Edition, Student Additional Practice & Problem Solving Workbook

## Holt High School Material (Algebra I & II, Geometry, Pre-Calculus)

Hard Copy: Teacher Edition and Resources, Teacher One-Stop CD, Lesson Tutorial Videos CD, Interactive Answers and Solutions CD, Student Edition, Student Additional Practice & Problem Solving Workbook

Online Resources: **Plato** Pre-Approved Courses (Algebra I, Geometry, Algebra II); Other courses may be available but need to go through the approval process

**Reflex Math ([www.reflexmath.com](http://www.reflexmath.com))**

**USER NAME:**

**PASSWORD:**

Upon teacher request middle school and high school students will be given a reflex seat.  
Priority given to grades 1st through 6th.

# Science Curriculum Middle School & High School

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## **Middle School Science A/B/C: FY18 Year C**

*Concepts and Challenges Series 2009 by Pearson (1/3 of each text per year)*

**FALL:** *Concept and Challenges: Life Science; Teacher & Student Edition, Laboratory Manual*

**Winter:** *Concept and Challenges: Physical Science; Teacher & Student Edition, Laboratory Manual*

**Spring:** *Concept and Challenges: Earth Science; Teacher & Student Edition, Laboratory Manual*

## **High School Biology**

Biology Textbook by Miller & Levine; Study-Workbook; Teacher Edition; Classroom Resources DVD-Rom  
Online: SuccessNetPlus online resource for student books, lab workbooks, and study workbooks

## **High School Physical Science 2018 Focus**

Teacher Express CD-Rom, Concepts in Action (with Earth and Space) Student and Teacher Texts; Reading & Study Workbook

## **High School Earth Science**

Earth Science by Tarbuck & Lutgens Student and Teacher Editions; Guided Reading & Study Book; Teacher Express CD-Rom

## **High School Environmental Science**

Environmental Science: Student and Teacher Editions; Guided Reading & Study Book; Teacher Express CD-Rom

Online: SuccessNetPlus online resource for student books, lab workbooks, and study workbooks

## **High School Chemistry**

Chemistry: Student and Teacher Editions; Guided Reading & Study Book; Teacher Express CD-Rom

Online: SuccessNetPlus online resource for student books, lab workbooks, and study workbooks



# Social Studies Middle School & High School

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## Middle School

*(Taught in rotations or larger group setting)*

- **Social Studies Alive: Americas Past**
- **History Alive! The Medieval World and Beyond**
- **History Alive! The Ancient World**

Hard Copy: Lesson Masters, Lesson Guide, Assessments, Student Edition, Interactive Student Notebook, Visuals, Placards, Interactive Desk Maps, and Digital Teacher Resources (CD)

Online Resources ([teachtci.com](http://teachtci.com)): **All Teacher Materials** — Classroom Presentation, Assessment Tools, Classroom Management, Differentiated Instruction, Standard Correlation and Alignment, Teacher Guide, Grade book, Reading Tools, Lesson Activities, Student View (plays text)

**username:**

**password:**

## High School

- **United States - History and Geography (Modern Times)** (McGraw Hill)
- **Building Citizenship - Civics and Economics** (McGraw Hill)
- **World Geography** (McGraw Hill)
- **Alaska: A History of the 49th State** (Second Edition)

Online Resources ([connected.mcgraw-hill.com](http://connected.mcgraw-hill.com)): Lesson Plans, Assessments, Resources, Teacher Addition, Lesson Kick offs, Student Edition, Annotated Student Edition, Activities and Worksheets, Art Connections, Geography Skills, Maps, Games, Graphic Novels, Graphic Organizers, Videos

**username:**

**password:**

# Physical Education & Health Curriculum Middle & High School



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## Physical Education:

Adopted Spring 2016—SWRS PE Framework is aligned to state and national standards, and ***Ready To Use PE Activities*** book for grades 6-8 and 9-12. The major change is the ability for high school students to earn credit for wrestling, volleyball, basketball, and NYO.

Contents of Framework: ***LOCATED IN CURRICULUM & INSTRUCTION FOLDER IN GOOGLE DOCS***

***Middle School:*** Framework (Outcomes & Activities)

***High School:*** Framework (Outcomes & Activities)

- A. High School PE Credit Pathways
- B. Attitude Towards Participation and Effort Rubric
- C. High School Course syllabi
  - General Physical Education
  - Special topics: Personal fitness
  - Weight Training and Conditioning
  - Plato PE Course
  - Team Sports
- D. High School Fitness Test Requirements
- E. Presidential Data norms

## Health

### Grades 6-8 “HEALTHY LIFESTYLE AND CHOICES”

Adopted Spring 2016 — (Binders for each grade level located at site—“Blackline Master”)

The HLC Middle School Program engages youth to become their own health advocate. Because middle school students rather not be told what to do or how to think, the HLC Middle School Program is designed to teach important health skills by providing youth with information about positive behaviors and consequences, and allowing them to work in teams to reach healthy conclusions.

The program includes important health skills based on National Health Education Standards, but allows instructors the flexibility to choose, rearrange and embellish topics based on the personal needs of students. The program is divided into units, including:

- Wellness
- Mental and emotional health
- Effective communication and decision-making
- Alcohol, tobacco and other drugs
- Injury and violence prevention
- Physical activity and nutrition
- Growth and development
- Diseases/HIV/AIDS
- Environmental health

#### Highlights

- Promotes positive behavior choices and helps students advocate for their own health
- Comprehensive, yet flexible for instructors and students
- Includes short-term and long-term assignments for individuals and teams
- Includes program assessments

## Health — Plato

### Grades 9-12

Adopted Spring 2016— Plato courseware has been adopted for the core curriculum. Please contact Instructional Department to create a class.

Course Title: SWRS Health v2.0 June’16 (Updated to v3.0 Summer 2018)

**username:**

**password:**

# Plato — Edmentum



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## Plato 6 - 12 Courseware

Plato courseware provides online curriculum for full courses, credit recovery, re-teaching, flex assignments. Over 100 core courses and 80+ CTE courses.

**Access through a Clever integration with PowerSchool.**

## Exact Path K - 8

- ◆ adaptive and targeted student learning paths in reading, writing, and math
- ◆ Pinpoint student understanding utilizing your NWEA™ MAP® results
- ◆ NWEA™ MAP® results create automatic individualized learning plans for every student
- ◆ Create complete student profiles of individual strengths and needs
- ◆ Report global growth scores upon each successive administration
- ◆ Monitor and student progress at every point of their individualized learning path

**Access through a Clever integration with PowerSchool.**

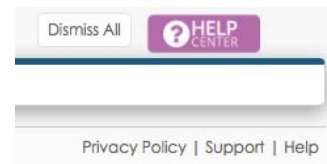
## Assessments 7-12

7-12 adaptive and fixed form assessments to diagnose students individual strengths and needs. Creates dynamic individual learning paths in reading, writing, and math.

**Access through a Clever integration with PowerSchool.**

## Support

Access support videos and tutorials via your teacher account. Click the “support” option on the right side of the screen below the purple HELP center icon.



## Classroom Resources & Subscriptions

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<http://www.reflexmath.com>

UserName:

Password:

Focus group: Grades 1st - 6th (available for others upon request, available seats depending)  
Reflex helps students of all ability levels gain fluency in their math facts.

Three Levels:

- A. Addition & Subtraction Facts (Proficiency Goal 2nd Grade)
- B. Multiplication & Division Facts 0 - 10 (Proficiency Goal 3rd Grade)
- C. Multiplication & Division Facts 0 - 12 (Proficiency Goal 4th Grade)



### MAP — NWEA Assessments

UserName:

Password:

#### Teacher/Admin MAP Login

Teacher Access — A proven assessment solutions, customized professional learning, and industry-leading research keep you ahead of the curve as times and standards change. Access individual student data and class data. SWRS tests students three times a year. Use Destination PD to learn the power of this tool through PD videos and courses.

**Destination PD — <https://login.nwea.org>**

Professional online learning courses to prepare you to use MAP in your classroom, retrieve and utilize student reports, goal setting for a class, student and class learning continuums, and support on how to understand students strength and weaknesses.

**AKCIS** <http://acpe.alaska.gov/>

**Coming soon → Clever Integration Log ins. Students and teachers just need their Google account information!**

Education planning tools and resources to support students to be college and career ready.

Resumes, career inventories, college and career search engine, and more! Every students online career portfolio!

## Classroom Resources & Subscriptions

### Academic Vocabulary

SWRSD has made it a priority to intentionally teach academic vocabulary to our students. Using the following websites you can locate and add the SWRS wordlists to your account and assign them out to your students or make your own wordlists aligned with your curriculum.



**Grades K-5 : Vocabulary Spelling City** [www.spellingcity.com](http://www.spellingcity.com)

UserName:

Password:



**Grades 6-12 : [vocabulary.com](http://vocabulary.com)**

UserName:

Password:



**OverDrive — Your SWRS & Alaska digital library**

Our online Alaska digital library —More info to come

### Open eBooks

<http://openebooks.net/getstarted.html>

Open eBooks is an app containing thousands of popular and award-winning titles that are free for children from in-need households. These eBooks can be read without checkouts or holds. Children from in-need families can access these eBooks, which include some of the most popular works of the present and past, using the Open eBooks app and read as many as they like without incurring any costs. The goal of Open eBooks is to encourage a love of reading and serve as a gateway to children reading even more often, whether in school, at libraries, or through other eBook reading apps.



Every student needs a registration code — A teacher can request a classroom set of codes to set up every students.



# Classroom Resources & Subscriptions

School Edition



<http://schools.clipart.com>

\*Username:

\*Password:

The school edition of clipart.com offers a wide variety of images, fonts and sounds for downloading. Enter keywords or browse categories to find images for: homework, newsletters, school related websites, posters, clubs, science projects, handouts and SO much more.



<http://lam.alaska.gov/sled/>

Username:

Password:

SLED, the Statewide Library Electronic Doorway, is an easy-to-use World Wide Web site that connects people to library, government, local community, and Internet information resources. Connections to new information resources are constantly being added to SLED. SLED is a public service providing easy and equitable access to electronic information.

Welcome to SLED, Alaska's Information Dividend!

BrainPOP	Teen Health & Wellness	Learn a Language	Alaska's Digital Archives
Tutoring	Testing & Education Reference Center	Oxford Reference	Do-It-Yourself
NovelList	Heritage Quest Online	A-Z List	Research Resources

Database Assistance

If you're an Alaska resident, call 1-800-440-2919 for a password.

## ★ HIGHLIGHTED RESOURCE



### Sesame Street eBook World

Give your kids an enhanced learning experience that's fun and educational. They'll learn from the alphabet and numbers from Sesame Street's lovable, well-known characters. Find eBooks in English and Spanish, with animated, interactive, audio, and read along formats. New content is added regularly. Available as an app for iPad or Android tablets for offline access. Paid for by the Alaska Dept. of Education and Early Development.

SLED is available to all Alaska State residents, the username will be changed if it is being shared outside Alaska or on the web.

## Classroom Resources & Subscriptions

<https://www.juniorachievement.org>



Our programs help prepare young people for the real world by showing them how to generate wealth and effectively manage it, how to create jobs which make their communities more robust, and how to apply entrepreneurial thinking to the workplace. Students put these lessons into action and learn the value of contributing to their communities.

**The Mission** <https://www.educatorsrising.org>



Educators Rising cultivates highly skilled educators by guiding young people on a path to becoming accomplished teachers, beginning in high school and extending through college and into the profession.

**The Challenge:** Today's teacher recruitment pipeline is not working.

**The Solution:** Together, we can grow the next generation of highly skilled educators.

**EdRising Academy Curriculum\***

Co-curricular Programs

For students to truly explore teaching as a potential career path, we must create meaningful learning opportunities within the school day. Educators Rising now offers a solution for schools or districts interested in implementing new education-focused courses or pathways or refreshing existing ones: the EdRising Academy curriculum

## Classroom Resources & Subscriptions



First Book provides access to new books for children in need. To date, First Book has distributed more than 135 million books and educational resources to programs and schools serving children from low-income families throughout the United States and Canada. First Book is transforming the lives of children in need and elevating the quality of education by making new, high-quality books available on an ongoing basis.

We are proud of our past success and even more excited about the future. First Book is uniquely positioned to become a leader in providing digital resources so that children in need don't miss out.

No matter how formats and technologies change, children from low-income families will still need access to rich and varied content. First Book is helping guide the publishing industry as it evolves so that all children can benefit from new technologies and flourish as readers.

- See more at: <https://www.firstbook.org/first-book-story#sthash.kLoPFS8z.dpuf>



DIGITAL PUBLIC LIBRARY  
OF AMERICA

<https://dp.la>

The Digital Public Library of America brings together the riches of America's libraries, archives, and museums, and makes them freely available to the world. It strives to contain the full breadth of human expression, from the written word, to works of art and culture, to records of America's heritage, to the efforts and data of science. DPLA aims to expand this crucial realm of openly available materials, and make those riches more easily discovered and more widely usable and used, through its three main elements:

**A *portal* that delivers students, teachers, scholars, and the public to incredible resources, wherever they may be in America.**

Far more than a search engine, the portal provides innovative ways to search and scan through the united collection of millions of items, including by timeline, map, format, subject, and partner.

**A *platform* that enables new and transformative uses of our digitized cultural heritage.**

With an application programming interface (API) and maximally open data, DPLA can be used by software developers, researchers, and others to create novel environments for learning, tools for discovery, and engaging apps.

**\*\*Please inform department on any other curriculum and/or resources that need to be added or edited\*\***