

**2/19/10**  
**ALASKA**  
**VIRTUAL**  
**ACADEMY**

# Alaska Virtual Academy



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powered by **k<sup>12</sup>**



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## What is AKVA?

- A fully managed K<sup>12</sup> school program offered through the Wrangell Public School District
- A public school program delivered in the home
- Open to students statewide
- Comprehensive, all encompassing school
- Fully staffed with Certified teachers
- Large school community



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## What Enrollment Includes

- The K<sup>12</sup> curriculum
- Books, materials, and manipulatives
- Supplies
- Access to experienced teachers and administration
- **All of this is provided tuition free!**



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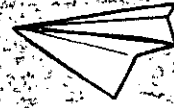
## Enrollment Information

AKVA currently serves:

- Students in Kindergarten through grade 8
- Alaska resident students
- Full time enrollment



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# Enrollment Information Cont.

## Document Requirements

- Birth Certificate
- Proof of residency
- School Entrance Health Form
- Immunization record
- Statement of Expulsion



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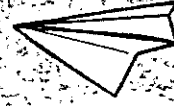


## What is K<sup>12</sup>?

- The **largest provider** of online curriculum for public virtual schools. More than 70,000 students are using the K<sup>12</sup> academic program in 26 statewide online public schools and other e-learning programs internationally
- **Created by some of the finest minds in education**, including cognitive scientists, reading specialists, biologists, mathematicians, artists and more
- **Designed and developed for online delivery** from the outset
- Committed to providing a **self-paced learning environment** that will help each child reach his/her true, individual potential
- Offers assistance through a **customer care** and technology support line



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## What does AKVA provide to students & families?

- Leadership, support, and guidance from teachers and AKVA staff
- Books, workbooks, hands-on materials, maps, art and science supplies as well as other supplies necessary to complete each lesson
- Interactive and engaging lessons with comprehensive assessments
- Planning and progress tools
- Online community features and events
- Special education services





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## The K<sup>12</sup> Curriculum

- **Integrated and planned** out for you and your student to follow. There is no need for you to plan lessons, our tools do that for you and our **assessments** direct you to the next lessons once the prior lessons is mastered.
- Meets or exceeds state standards (including Virginia's Standards of Learning)
- **AdvancED-accredited** (formerly called CITA)
- **97% satisfaction** rating by our users
- Is used by **over 70,000 students** nationwide
- Is **shipped to your door** (books, materials, manipulatives, rocks!) **tuition free with virtual academy enrollment**



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## **K<sup>12</sup> Curriculum**

Six Subjects at all grade levels:

### **Language Arts**

Builds important reading and writing skills while inspiring a love of literature.

### **Math**

Mastery of fundamental skills with critical thinking and problem-solving.

### **Science**

Hands-on experience with systematic study of scientific terms and concepts.

### **History**

Emphasizes the story in history by opening young minds and imaginations to far-off lands, distant times, and diverse people.

### **Art**

Following the timeline of history students are introduced to great works of art from different cultures and eras.

### **Music**

Students are instructed in both music theory and music appreciation.



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## **K-8 Program: Overview**

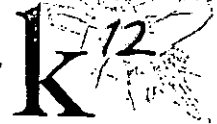
- Mastery-based program
- Rich, research based content and “big ideas”
- We encourage families to spend more instructional time on important, difficult objectives
- We recognize that every child is different
- Finding the correct level and pace may vary by child
- To ensure mastery, every objective is assessed



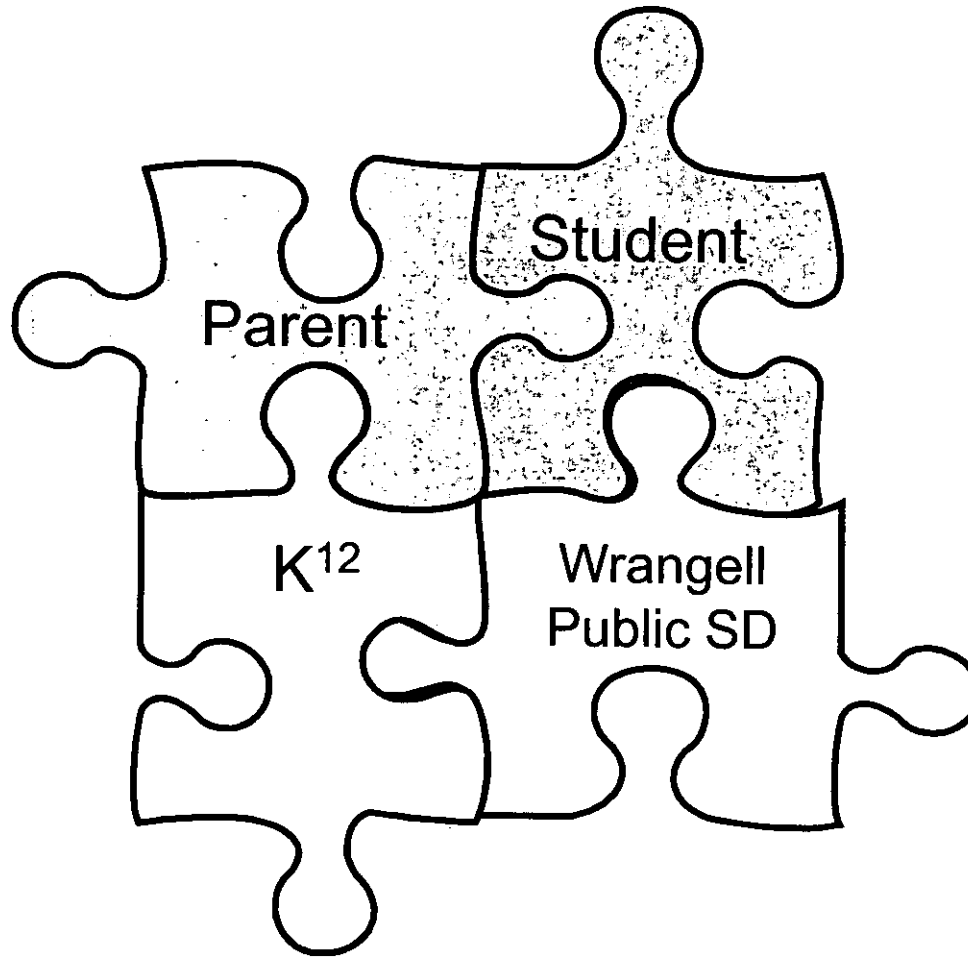
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# The AKVA K-8 Partnership





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**K12**

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Home

Bror's Blog

Discussion Board

Games

Speaker Series

Art Competition

Resources

# k12 Community Chest

Welcome to the new K12 Community Chest—a treasure trove of information for everyone in the K12 family. It's a place to share your thoughts, learn from others and connect with each other and with the minds at K12. This is your site. Come visit often.

## Bror's Blog

I appear to be the worst math problem solver in America, if you ask kids in K12. What is a Blog?

## Speaker Series

Summer Fun (and Learning Too!)

Date: June 7, 2007

Time: 4:00 pm

Need some expert advice? We've got the experts! Check out our speaker series to see who's talking about what, and when.

## Discussion Boards

Chat. Ruminare. Converse. Shoot the breeze. Discuss.

## Coming Soon

Clubs, events, more games, and other cool stuff!

## Feedback

It's your turn to talk and you don't even need to raise your hand! Use this space to help make the K12 Community Chest better for everyone.



## Art Competition

Attention all K12 kids! Draw, paint, or collage your way to national K12 fame.

## Ballot Box

If you could be a famous king from history, which one would you be?

- Tutankhamun
- Richard the Lionheart
- Ferdinand of Spain
- King



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# K12 Family Directory



[Profile Settings](#)

[Help](#)

## Family Directory

### Find Families Hide Search Options

Find families in  All Participating Schools

- Who are within  of ZIP code
- Who are located in: City  State  County
- With students in any of the following grades: 3rd, 5th Modify
- With an interest in any of the following areas: Acting/Drama, Crafts, Basketball, Modify
- WHO have been enrolled for
- By name: First  Last   
My view will find names that start with "Mc" and end in "y" (Mcclellan, McKenna), etc.)

**Search**



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Home

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Resources

# Art Competition

Finalists and winners of K12's Fall Art Competition

2006 National Winners

## 2006 National Winners



Lindsay H.  
1-2  
Agora Cyber Charter School  
The Desert  
collage



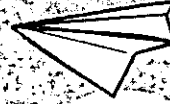
Devien D.  
3-4  
Agora Cyber Charter School  
Evolution Sketchbook  
tempera, paint



Miranda L.  
3-4  
Antarktis Virtual School  
Yellow Finch  
Crayon and watercolor



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## Our Teachers...

- Are **Alaska certified**.
- Are **highly-qualified**
- Are **assigned to students** and **communicate** through e-mail, telephone, online web meetings, and even face-to-face as needed
- Come from a **variety of teaching backgrounds**; public, private, tutoring
- Assist the learning coach in providing an **individualized education** experience to the K-8 student



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## **Role of the AKVA Teacher**

- Certified and experienced partners in education
- First point of contact
- Responsible for checking student progress and attendance
- Leads Elluminate instructional and tutoring sessions
- Resource for curriculum issues, coaching tips, and questions about school policies
- Conducts phone conferences every two weeks
- Provides feedback on submitted work samples



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## Role of the Parent

- Fulfill attendance requirements
- Report attendance on a daily basis
- Work with student towards continuous progress with the K<sup>12</sup> curriculum
- Prepare for student's school day
- Participate in regular teacher conference calls
- Submit regular work samples as required by the school
- Ensure student participation in state testing program



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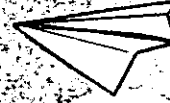


## Attendance

- Students are expected to login every school day to complete school work
- Parents must notify the teacher when students are absent from school (i.e., the student does not log into the OLS and complete lessons)
- When needed, teachers and parents work together to create flexibility in student schedules
- Students can generally be expected to complete an average of 4-6 hours per day of instructional time



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## **Academic Accountability**

- Meet and maintain adequate progress
- Students must participate in the state's testing program
- Students must participate in pre- and post- testing
- 100% completion of all course work is encouraged



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## **State Testing & Assessments**

- Students in grades K-1 will participate in the Alaska Kindergarten/First Grade development profile
- Students in grades 3-8 will participate in the Alaska Standards Based Assessments
- Students in grades 5, 7 will participate in Terra Nova Norm-Referenced Assessments
- Students in grades 4, 8 will participate in Science Standards-Based Assessments



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## **Scantron Diagnostic Assessments**

- Students in grades 3-8 will take the Performance Series Adaptive Assessment in the first week of school and then again in the spring.
- A computer-adaptive assessment which allows teachers and parents to pinpoint the proficiency level of a student.
- Will guide your teacher in developing an individualized learning plan for you child that addresses specific strengths and weaknesses.



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# The K<sup>12</sup> Online School (OLS)



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## OLS: Daily Plan

Click on "Show Materials" for a quick view of all materials needed for that day.

Under the Daily Plan, you are able to see all of the lessons that are scheduled for any given day.

Plan Lesson Lists Progress Attendance  
 Day View  Week View  
 Change Date Schedule Set-Up Advance Preparation

Colored boxes show at a glance which lessons have been completed.

Show Materials >>		
<p>▶ <b>Math 5</b> Unit 1: Operations Part 1 Lesson 11: Problem-Solving Applications</p>	<p>Lesson assessment Mastered - 100%</p>	<p>Completed</p>
<p>▶ <b>Language Skills 5</b> GUM   Unit 1: Punctuation Lesson 6: Quotation Marks and Underlining in Titles</p>	<p>No assessment</p>	<p>Completed</p>
<p>▶ <b>Language Skills 5</b> COMPOSITION   Unit 1: Writing a Memoir Lesson 4: Drafting: Writing the Body</p>	<p>Lesson assessment Not taken</p>	<p>Not completed</p>
<p>▶ <b>Language Skills 5</b> VOCABULARY   Unit 1 Lesson 4: Lesson 4</p>	<p>No assessment</p>	<p>Not completed</p>
<p>▶ <b>Literature 5</b> Unit 2: Lessons Learned Lesson 2: "Ali and the Magic Stew"</p>	<p>No assessment</p>	<p>Not completed</p>



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# OLS: Plan Week View

Plan

Lesson Lists

Progress

Attendance

Day View  Week View

Change Date

Schedule Set-Up

Advance Preparation

Show Materials

Mon 02/19/07	Tue 02/20/07	Wed 02/21/07	Thu 02/22/07	Fri 02/23/07
<input type="checkbox"/> <b>Math 5</b> <input checked="" type="radio"/> 1.2 <u>Thousandths</u> <input type="checkbox"/> <b>Literature 5</b> <input checked="" type="radio"/> 2 "Ah and the Magic Stew" <input type="checkbox"/> <b>Literature 5</b> <input checked="" type="radio"/> Set aside time to read alone and with an adult <input type="checkbox"/> <b>Spelling 5</b> <input checked="" type="radio"/> 2 Lesson 2 <input type="checkbox"/> <b>Language Skills 5 (2006)</b> <input checked="" type="radio"/> <b>VOCABULARY   1</b> <input type="radio"/> Lesson 1 <input type="checkbox"/> <b>American History Before 1865 (2006)</b> <input type="radio"/> 1.2 <u>Maps and Directions</u> <input type="checkbox"/> <b>Intermediate Art: American A</b> <input type="radio"/> 1.1 <u>Many Kinds of Art</u>	<input type="checkbox"/> <b>Math 5</b> <input checked="" type="radio"/> 1.3 (Optional) <u>Addition Properties/Subtraction Rules</u> <input type="checkbox"/> <b>Literature 5</b> <input checked="" type="radio"/> 3 "The Fire on the Mountain" <input type="checkbox"/> <b>Literature 5</b> <input checked="" type="radio"/> Set aside time to read alone and with an adult <input type="checkbox"/> <b>Spelling 5</b> <input checked="" type="radio"/> 3 Lesson 3 <input type="checkbox"/> <b>Language Skills 5 (2006)</b> <input checked="" type="radio"/> <b>COMPOSITION   1.2</b> <u>Prewriting: The Elements of a Memoir</u> <input type="checkbox"/> <b>American History Before 1865 (2006)</b> <input type="radio"/> 1.3 (Optional) <u>Grids</u>	<input type="checkbox"/> <b>Math 5</b> <input checked="" type="radio"/> 1.4 <u>Roman Numerals</u> <input type="checkbox"/> <b>Literature 5</b> <input checked="" type="radio"/> 4 <u>Summarizing a Story</u> <input type="checkbox"/> <b>Literature 5</b> <input checked="" type="radio"/> Set aside time to read alone and with an adult <input type="checkbox"/> <b>Spelling 5</b> <input checked="" type="radio"/> 4 Lesson 4 <input type="checkbox"/> <b>Language Skills 5 (2006)</b> <input checked="" type="radio"/> <b>GUM   1.2</b> <u>Using Commas in Series, Letters, Dates, &amp; Geographical Names</u> <input type="checkbox"/> <b>Language Skills 5 (2006)</b> <input checked="" type="radio"/> <b>VOCABULARY   2</b> <input type="radio"/> Lesson 2	<input type="checkbox"/> <b>Math 5</b> <input checked="" type="radio"/> 1.5 <u>Properties of Multiplication</u> <input type="checkbox"/> <b>Literature 5</b> <input checked="" type="radio"/> 5 "The Sword of Damocles" <input type="checkbox"/> <b>Literature 5</b> <input checked="" type="radio"/> Set aside time to read alone and with an adult <input type="checkbox"/> <b>Spelling 5</b> <input checked="" type="radio"/> 5 Lesson 5 <input type="checkbox"/> <b>Language Skills 5 (2006)</b> <input checked="" type="radio"/> <b>GUM   1.3</b> <u>Using Punctuation in Direct Quotations</u> <input type="checkbox"/> <b>Language Skills 5 (2006)</b> <input checked="" type="radio"/> <b>COMPOSITION   1.3</b> <u>Prewriting: Organizing a Memoir</u>	<input type="checkbox"/> <b>Math 5</b> <input checked="" type="radio"/> 1.6 <u>Zeros in the Multiplicand</u> <input type="checkbox"/> <b>Literature 5</b> <input checked="" type="radio"/> 6 "As Rich as Croesus" <input type="checkbox"/> <b>Literature 5</b> <input checked="" type="radio"/> Set aside time to read alone and with an adult <input type="checkbox"/> <b>Spelling 5</b> <input checked="" type="radio"/> 1 Lesson 1 <input type="checkbox"/> <b>Language Skills 5 (2006)</b> <input checked="" type="radio"/> <b>GUM   1.4</b> <u>Using Commas with Conjunctions</u> <input type="checkbox"/> <b>Language Skills 5 (2006)</b> <input checked="" type="radio"/> <b>VOCABULARY   3</b> <input type="radio"/> Lesson 3 <input type="checkbox"/> <b>American History Before 1865 (2006)</b>



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# OLS: Tracking Your Success

Anita Student: Berkhimer, Christian OLS Home Planning & Progress Print Help Feedback Log-Out

Plan Lesson Lists Progress Attendance

Change Date

Attendance for Friday, June 8, 2007

Did your student attend and/or participate in school academic activities today?  Yes  No Check for: missing attendance

Click on the box next to a course to enter the number of minutes for one lesson. To enter a different number of minutes, click on the minutes box. If your attendance records are not up to date, the Missing Attendance pulldown will be on the screen. Click to record missing records.

Courses	Minutes	Total Hours to Date	Cumulative Totals
Math 1		42 hr, 20 min	Today's Total Hours <u>0</u> Minutes <u>0</u> Total Hours to Date <u>564</u> Minutes <u>40</u> Total Days in School <u>142</u>
Phonics K		63 hr, 15 min	
Language Arts K		132 hr, 35 min	
History K		46 hr, 55 min	
Science K		74 hr, 20 min	
Art K		56 hr, 55 min	
Health K		9 hr, 15 min	
Technology K		0 hr, 0 min	
Foreign Language K		0 hr, 0 min	



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# OLS: Progress Overview

Plan

Lesson Lists

**Progress**

Attendance

Courses

Record Grades

View all lessons  View core lessons only

Number of Lessons  Percentage of Lessons

Key:  Finished  Started  Not Started

Total # of Lessons Projected End Date\*

	Progress	Started	Not Started	Total # of Lessons	Projected End Date*
ID Pre-Algebra A	83%	37%	100%	06/06/07	
Intermediate Language Skills A	42%	42%	100%	05/28/07	
Intermediate Literature A	39%	61%	100%	08/06/07	
American History Before 1865 (2006)	44%	44%	100%	07/03/07	
Earth Science (2006)	1%	39%	100%	05/14/07	
Intermediate Art: American A	31%	39%	100%	06/11/07	
Music Concepts A	35%	35%	100%	05/25/07	
Strategies For Success: Grade 6	10%	90%	100%	05/01/07	

\*To account for recently completed lessons and schedule changes, click the "Calculate End Dates" button.



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# OLS Lessons: Grades K—3

Julie Student: 2nd Grade | OLS Home | Print | Help | Feedback | Log-Out K12

### Lesson 2 Compare: Before, After, Between

Approximate Lesson Time: 60 minutes

- Teach : Optional Lesson Instructions
- Teach : Skills Update
- Teach : Count to Twenty
- Teach : Count On, Count Back
- Teach : Missing Numbers
- Teach : Number Order
- Practice : Order to Twenty

Objectives  
 Keywords  
 Materials

Review objectives, lesson notes, and key words to aid in presenting the lesson

Notebook and computer icons show you which parts of the lesson are online and which are offline activities.

**Begin** ▶



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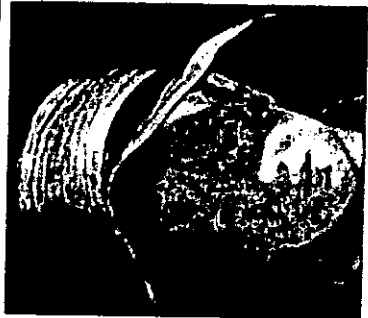


# OLS Lessons: Grades 4 and 5

Liz Elena Student: 5th Grade OLS Home Print Help Feedback Log Out

Lesson 1: Many Kinds of Art

American artist Thomas Sully




Detail of The Town Hall  
Thomas Sully

6 of 10

Liz Elena Student: 4th Grade OLS Home Print Help Feedback Log Out

Maps, globes, and satellite images are important tools that help us understand the Earth. Concepts such as scale, longitude, latitude, and cardinal directions help us put maps to use. They also help us travel around the world and back in time as we study history.





# OLS Lessons: Middle School

SchoolDemo1 Student: 8th Grade OLS Home Planning & Progress Print Help Feedback Log Out A12

Three times the number which is  $x$  less than

$$3(2 - x) =$$

Unit Resources

## Welcome to the Land of Algebra!

The Land  
a place w  
this might  
used to th  
actually s

Planning & Progress About This Course Feedback Help Print Log Out A12

← Lesson 2: Spheres of the Earth

Earth is actually a giant magnet, and the effects of its magnetic field are all around us. How can Earth be a magnet? It's not made of metal, is it? To some extent, yes. The Earth's inner core is mostly solid iron. Surrounding this solid core is an area of liquid iron and liquid nickel. As the Earth spins around, all this liquid metal, as well as the iron core, spins around, too.

Scientists know that the complex interactions of these spinning metals create a magnetic field that surrounds the Earth. But Earth's magnetic field isn't just a curious thing about our planet—it actually keeps us alive. When solar wind, which contains dangerous particles, comes into contact with the Earth's magnetic field, the particles and radiation are deflected around it and back into space.

Resources 4 of 14



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# Ready to Enroll?

## Enrollment Process Steps

Submit online application

Submit compliancy documents\*

Approval

Course selection before school starts\*

## Once School Starts

Take initial Scantron test; grades 3-8 only

Conference w/teacher and Individualized Learning Plan for your student

*\*Based on grade level or transcript review. If your student is significantly above or below grade level, exceptions can be made.*



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# Questions?



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## Speaker Series

Join K12 experts online to discover the science behind the K12 curriculum and learn strategies to improve children's success in the program. Click the session title to log in to an upcoming session or to view an archived session.

Upcoming		Archives			
Title	Description	Date	Speaker	Speaker Bio	
<a href="#">Summer Fun (and Learning Too!) Log in to session.</a>	Description	6/7/2007 4:00 pm EST	Beth Zemle and Kristen Kinney	<a href="#">Bio</a>	
<a href="#">Best Start Ideas: The Home-Learning Family: It's a Lifestyle! Log in to session.</a>	Description	7/11/2007 4:00 pm EST	Dr. Bror Saxberg, Heidi Higgins, and Lori Beverage	<a href="#">Bio</a>	
<a href="#">Best Start Ideas: Organizing Your Home Learning Space: A Place For Everything, Really! Log in to session.</a>	Description	7/25/2007 4:00 pm EST	Dr. Bror Saxberg, Heidi Higgins, and Kristin Paul	<a href="#">Bio</a>	
<a href="#">Focus on K12 Courses: Science and Math. Log in to session.</a>	Description	8/8/2007 4:00 pm EST	Dr. Dan Franck and Ann Lewis	<a href="#">Bio</a>	
<a href="#">Are Your Kids Safe Online? Log in to session.</a>	Description	9/17/2007 4:00 pm EST	Rob Letcher	<a href="#">Bio</a>	



### System Requirements

Each K12 Speaker Series talk uses Elluminate! Live online meeting software.

Dates and times are subject to change.

If you are having problems with the software, please use the following contacts:

.....

K12 Technical Support  
1-866-626-6413 (choose option 2)  
Monday-Friday  
8:00AM-8:00PM EST

For more details, visit <http://help.k12.com/messages/1411/1230.html>

.....

Elluminate Technical Support  
1-866-388-8674 (choose option 2), or  
visit <http://www.illuminate.com/support>



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## The Online Community

- Online Clubs
- Community Gatherings
- Academic & Social Outings
- Online Parent Directory
- K<sup>12</sup> Community Chest
- Parent Workshops





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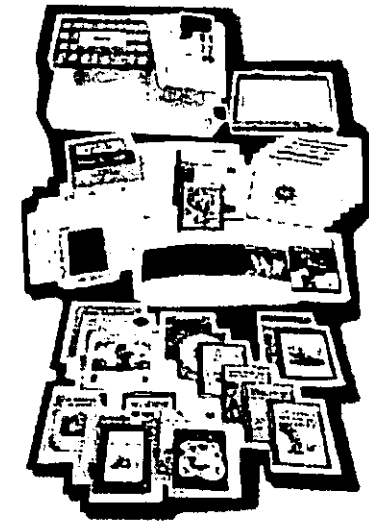


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## K<sup>12</sup> Language Arts/English

- **Phonics (K-1)**  
Multisensory lessons, phonemic awareness, and decoding skills
- **Spelling (2-5)**  
Sounds, symbols, and spellings
- **Literature (K-8)**  
Cultural literacy with well-known stories and poems
- **Vocabulary (2-8)**  
Classical roots to determine definitions
- **Composition (1-8)**  
Students construct a well-written essay, from brainstorming to final draft.
- **Novels (3-8)**
- **Comprehension and Writing Skills (K-8)**



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Unity

A good paragraph also has unity. A paragraph has unity when all of the sentences tell about the same

**Correct.**

This sentence undermines the unity of the paragraph because it does not tell about a danger of snowfall.

Read this short paragraph.

Heavy snowfall is dangerous. Cars can get stuck in snow, and the drivers may be stranded. The weight of the snow on top of buildings can cause roofs to cave in. Heavy snow can also bring down power lines so that people have no electricity. Ice heat or light, however, people love the snow because they like to go skiing. Although snow may be beautiful to look at, heavy snow is capable of causing serious problems each winter.

Which sentence undermines the unity of the paragraph?

The weight of the snow on the top of buildings can cause roofs to cave in.

Some people love the snow because they like to go skiing.

Heavy snowfall is dangerous.

Although snow may be beautiful to look at, heavy snow is capable of causing serious problems each winter.

Check

4 of 13



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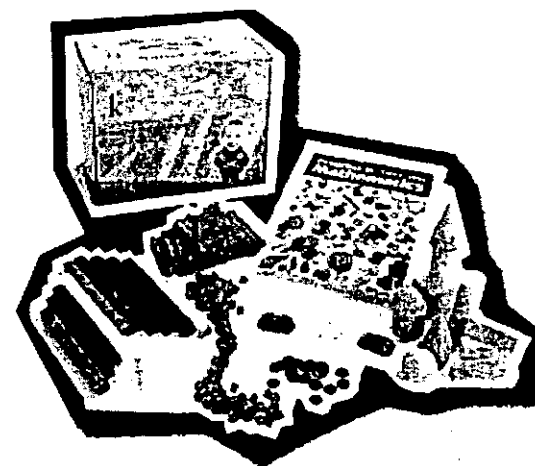
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**K<sup>12</sup>**

## K<sup>12</sup> Math

### Grades K–5

- Based on Sadlier-Oxford text.
- Uses manipulatives.
- Teach core computational skills.
- Problem-solving skills and geometric reasoning.



### Middle School

- Based on *Mathematics, Structure and Method*.
- Covers Pre-Algebra and Algebra.
- Uses distributed (spiral) review.



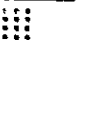
Student Activity close

Regrouping Twice to Subtract

To make more tens, drag a hundreds flat to the tens column.

Hundreds	Tens	Ones
5	<del>2</del>	<del>12</del>
- 2	7	7

5 hundreds	2 tens	12 ones
		



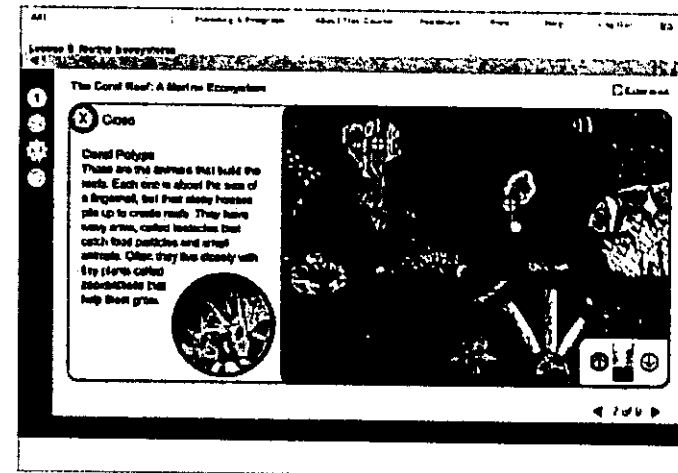
**ALASKA**  
VIRTUAL ACADEMY™

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## K<sup>12</sup> Science

- Emphasis on the scientific method.
- Hands-on activities and classic experiments.
- Life science, physical science, Earth science, and the human body.
- Chemistry, geology, meteorology, oceanography, and astronomy.
- Digital interactive content.





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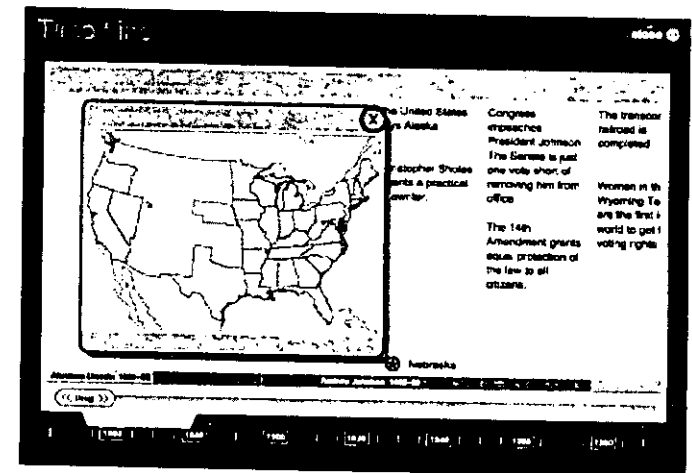


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## K<sup>12</sup> History

- Uses a chronological approach:
  - Ancient civilizations up to the present
- Emphasizes the “story” of history.
- Provides a global perspective.
- Teaches with maps and globes:
  - Students learn where they live in relation to other countries
- Educates student on cultures, world religions, and enduring ideas from other countries.





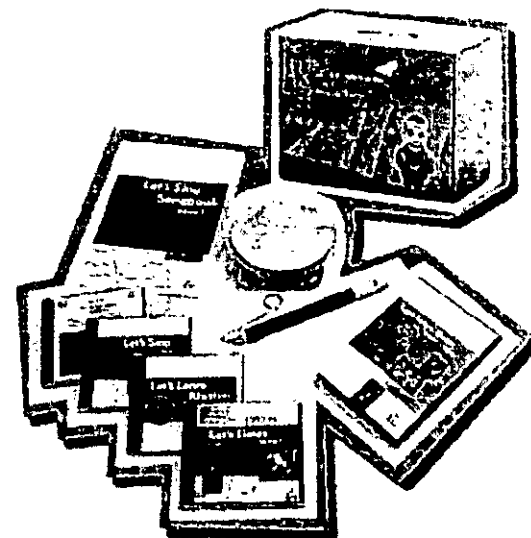
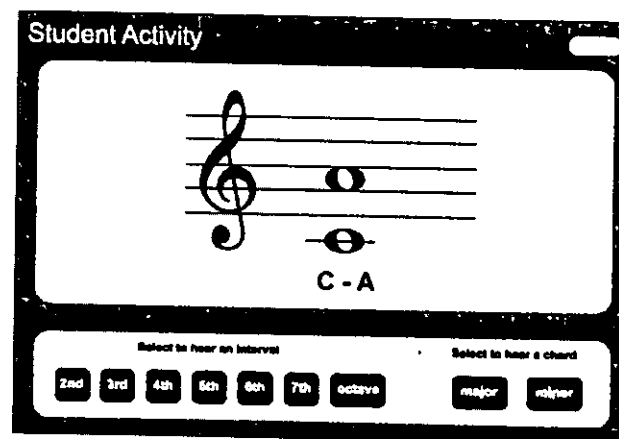
**ALASKA**  
VIRTUAL ACADEMY<sup>SM</sup>



powered by **K<sup>12</sup>**

## K<sup>12</sup> Music

- Teaches student to read and write musical notation.
- Based on the solfege system.
- Introduces famous composers and their compositions.
- Covers beat, rhythm, pitch, melody, and other basic principles of music.
- Uses a tambourine as a teaching aide and student also plays simple music on the recorder and slide whistle.
- Develops a lifelong love and appreciation of music by students.





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VIRTUAL ACADEMY™



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## Foreign Language Offerings – Substitute for Music

### Elementary

- Spanish I and II
- French I and II
- German I and II
- Latin I

### Middle School

- Spanish I and II
- French I and II
- German I and II
- Latin I and II





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Do you have a specific question? Try finding the answer in [K12 Customer Support Solutions](#)

**MATERIALS FOR HIGH SCHOOL AND 9th GRADE**

- [Materials supplied by K12 to Virtual Academies students](#)
- [Materials supplied by K12 to Virtual School students](#)

**ABOUT KINDERGARTEN THROUGH 8TH GRADE**

**ABOUT COURSES**

- [Course Introductions](#)

**ABOUT THE OLS**

- [Overview](#)
- [Planning & Progress Tools](#)
- [Lessons](#)

**ABOUT STUDENTS**

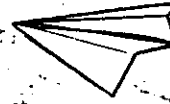
- [Teaching Your Student](#)
- [Teaching More Than One Child](#)

**Materials Lists**

- [Grades K-8](#)
- [Virtual Academy-High School](#)
- [Virtual School Program-High School](#)

**Other Links**

- [Grier's Encyclopedia](#)
- [Pronunciation Guide](#)
- [Computer Requirements](#)



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## K<sup>12</sup> Online School Help

### About High School and 9th Grade

- [Materials supplied by K12 to Virtual Academies students](#)
- [Materials supplied by K12 to Virtual School students](#)

### About Kindergarten through 8th Grade

#### Getting Help Quickly

- You can find the answers to more than 200 questions in the [K12 Customer Support Solutions](#) area.
- You can ask the K12 Customer Support staff a question using the [Customer Support contact form](#).
- You can also call us toll-free at 1-866-K12-CARE (1-866-512-2273).

#### About Courses

- [Course Introductions](#): Details about course philosophies, lessons, materials, and assessments.

#### About the Online School (OLS)

Overview



An animated description of how to use the OLS.

Planning & Progress Tools



How to set up schedules, generate lesson plans, and track student

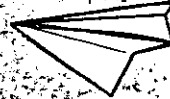
Lessons



How K12 lessons are structured and why



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Overview →

K-mail →

My Account →

Online School

K<sup>12</sup> College & Career Source

Family Directory

Community Chest

Tutorials (Coming Soon)

▼ My Students

Austin

Jill

Scott

# Austin

Colorado Virtual Academy - 7th Grade

School

Courses and Classrooms

Hardware

Shipments

Student Account

## Colorado Virtual Academy

## Austin

Address: 11990 Grant Street Suite 402  
Northglenn, Colorado 80233

Phone: (303) 255-4650

Community Website: <http://community.covacs.org>

School Start Date: 08/18/2008

School End Date: 06/05/2009

Registration Status Registering

Enrollment Status Active

Enrollment Approved 10/04/2002

Student ID

Family ID



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# Illuminate Sessions are Fun!

Illuminate Level

Participants

1 Participant

Direct Messaging

ALAC - Alaska Feed

Microphone

Camera

Whiteboard - Alan Poon (Scaled 135%)

Find the volume and the surface area of a cylinder. Use  $\pi = 3.14$

$r = 10$  cm

$h = 20$  cm

Surface area =  $2\pi r^2 + 2\pi r h$

Handwritten calculations:

$$2\pi r^2 = 2 \times 3.14 \times 10^2 = 628$$

$$2\pi r h = 2 \times 3.14 \times 10 \times 20 = 1256$$

$$\text{Total Surface Area} = 628 + 1256 = 1884$$

Volume =  $\pi r^2 h = 3.14 \times 10^2 \times 20 = 6280$

Handwritten calculations for volume:

$$3.14 \times 100 = 314$$

$$314 \times 20 = 6280$$

Labels: Lateral surface area,  $2\pi r$ ,  $h$

In version for 12 months

## Louie Flora

---

**From:** Tim Scott [frontier.ceo@gmail.com]  
**Sent:** Thursday, February 18, 2010 3:41 PM  
**To:** Rep. Berta Gardner; Rep. Bob Buch; Rep. Bryce Edgmon; Rep. Cathy Munoz; Rep. Paul Seaton; Rep. Peggy Wilson; Rep. Wes Keller  
**Subject:** Alaska Virtual Academy

Dear Chair Seaton and House Education Committee members,

My name is Tim Scott. I am the principal at Frontier Charter School, a publicly funded homeschool program in the Anchorage School District. I am writing in regard to the overview you will be listening to tomorrow from the Wrangell School District and the Alaska Virtual Academy (K12). I come at this with no small amount of experience. I have been a teacher, coach, and administrator in school districts large and small from Kotzebue to Metlakatla for over 25 years. I served five years on the State Board of Education and I have spent time serving on both the Alaska Workforce Investment Board and the Alaska Post Secondary Commission.

This week all of the families on my list serve received the e-mail below encouraging them to join "happier" ground by enrolling in the Alaska Virtual Academy (ref. Subject Line).

Every year I fight the direct and in-direct negative marketing attacks from statewide correspondence schools. Once again there appears to be a district program starting a statewide correspondence school to boost local enrollment by crossing boundaries to enroll students. Financial incentive for certain for the local district. Money not spent enrolling in the Alaska Virtual School no doubt will be deposited in the general operating budget of the district. In this particular case I am very aware of the dollar amounts involved as many of my students have used K12 since it's inception.

It appears that with the testimony overview tomorrow morning, coupled with this timely email from K12, that the Wrangell School District/Alaska Virtual Academy/K12 is getting not only a hearing but an outstanding commercial to encourage students to leave a school where they already have this and many other choices available to them. As a small in-district program it is difficult to compete. The overview in front of you tomorrow duplicates what is currently already available. It is not new.

I have heard it argued that a program such as K12 will help alleviate some curricular holes that might exist in the Governor's proposed scholarship program. I have appreciated this committee's due diligence in discussing the Governor's proposed scholarship program and the advantage that a virtual consortium might bring to the table in helping carry out a fair and equitable plan. The Commissioner of Education's passion to create success opportunities for students through leveraging and connecting virtual programs and resources throughout the state is to be commended. I do not think that it is necessary for students to enroll outside of their own districts to take advantage of such a plan. In fact, I believe that leaving the choice option up to the locally elected and empowered schools boards potentially will create strong relationships between districts that take part in creating a virtual consortium. A virtual consortium consisting of offerings created by and for Alaskans, particularly online synchronous courses, is a brilliant idea! Currently, many of the nationally marketed programs are cost prohibitive and/or not specifically designed by and for Alaskans.

Thank you for considering my remarks as you listen, discuss, and deliberate on this topic.

Your work is appreciated.

Tim Scott  
440-6045

----- Forwarded message -----

From: **Alaska Virtual Academy** <[info@k12-email.com](mailto:info@k12-email.com)>

Date: Wed, Feb 17, 2010 at 2:02 PM

Subject: Margie, is your child happy in school?

To: [margie@frontierk12.org](mailto:margie@frontierk12.org)

### **Join us**

Looking to make a change in your children's education? Find out more about the tuition-free Alaska Virtual Academy at an upcoming event. Enrollment for the 2010-2011 school year opens in mid-March, so come get the information you need.

#### **Information Sessions**

Come out to meet AKVA and K<sup>12</sup> representatives and get answers to all of your questions.

#### **Meet-and-Greet Socials**

Join AKVA and K<sup>12</sup> representatives and other interested families in a casual setting to find out more about this school choice.

Get behind the scenes—see how the K<sup>12</sup> curriculum is created.

View it online if you can't read this email.

**Give your kids the chance to think big. Join us to find out more!**

**The Alaska Virtual Academy is a full-time, tuition-free online public school option for students in grades K-8 across the state.** With individualized programs that bring learning alive, one child at a time, AKVA gives kids the chance to think big with:

- The exceptional K<sup>12</sup> curriculum
- Support from state-certified teachers
- An active, supportive school community
- A nationwide network of other K<sup>12</sup> virtual school students
- The accountability of a nationally recognized curriculum provider

**Now is the perfect time to think about making a change in your child's education. Enrollment for the 2010-2011 school year opens in mid-March, so join us at an upcoming event to get all the information you need.**

In addition to tuition-free public schools, K<sup>12</sup> offers these other education options:

- An accredited online private school available worldwide, full- and part-time
- Over 185 courses including foreign languages, AP, and electives available for direct purchase\*

For complete information about K<sup>12</sup>, please visit [K12.com](http://K12.com)

*\*30-day money back satisfaction guarantee. Visit our online store for full details.*

Join other K<sup>12</sup> fans on Facebook!

Join other K<sup>12</sup> fans on Twitter!

**Call us at: (866) 989-0632**

**Visit us online at [www.K12.com/akva](http://www.K12.com/akva)**

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**Lorna Bryant**  
*Senior Director  
Business Development*

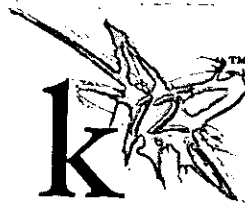
P 501.322.0334  
E lbryant@k12.com  
W www.k12.com



2300 Corporate Park Drive Suite 200 Herndon, VA 20171

**Cody Claver**  
*Vice President  
Business Development*

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E cclaver@k12.com  
W www.k12.com



2300 Corporate Park Drive Suite 200 Herndon, VA 20171



What's in them?



ALASKA  
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4197

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# WORLD CLASS ONLINE LEARNING OPTIONS FOR MILITARY FAMILIES





## **MILITARY LIFE REQUIRES SACRIFICES.**

### **With K<sup>12</sup>—America's #1 online education provider for grades K-12—your child's education doesn't have to be one of them.**

K<sup>12</sup> is a favorite among military families for many reasons. We provide a variety of public and private schooling options across the country (and around the world) that families like yours love, because they can finally give a consistent, world-class schooling to their children, no matter where they are or how often they move.

- Depending on where you live, your family can enroll in a free, public virtual school using K<sup>12</sup>'s curriculum —now in over 25 states and D.C., and adding new states each year
- Or, you can enroll in the private, diploma-granting, online K<sup>12</sup> International Academy at a significant military discount of 15%
- If you homeschool, you can purchase one or more of our award-winning courses and enjoy the same great savings, as well as our outstanding service and support

Imagine: your children will never again have to deal with an interruption in their education when they move from one state—or one country—to another.

#### **AS TAMMY AT FORT GILLEM SAYS, "...NOTHING COMPARES TO K<sup>12</sup>."**

Tammy is a military mom of two who "used other curriculums" before she found K<sup>12</sup>. She's far from alone in her high opinion. The K<sup>12</sup> curriculum is widely regarded as the best-in-class online curriculum and a world-class education option. Founded in 2000, we have based our efforts on decades of education research. We employ many renowned educators, mathematicians, linguists, musicians, cognitive scientists, interactive designers, and others who build and continually improve our courses.

Every child with K<sup>12</sup> receives a fully individualized, flexible program, custom tailored to his or her level and paced in a way to help that child succeed. A talented corps of certified teachers direct and support each student. By focusing so intensely on bringing out the highest potential for each child, K<sup>12</sup> has grown to be the leading provider of full-time and part-time online schooling options with over 56,000 full-time students last year alone. Plus, we regularly earn a 95% parent satisfaction rating.

**VISIT [WWW.K12.COM/MILITARY](http://WWW.K12.COM/MILITARY) OR CALL 866.667.1262 TO LEARN ABOUT MILITARY DISCOUNTS AND TUITION-FREE OPTIONS.**



## **A K-8 EDUCATION THAT GETS KIDS THINKING BIG**

K<sup>12</sup>'s best-in-its-class lessons are delivered via an online school and come with a rich mix of print and hands-on materials delivered right to your family's doorstep, anywhere in the world.

K-8 students work at a pace and learning style that meets their unique needs. Those who are ready to move on to the next lesson or unit can, while those who need just a little more time can take it.

Unlike most other online learning programs that cobble together curriculum from multiple, disconnected outside providers, the K<sup>12</sup> patented methodology for online learning includes proprietary courses that are integrated across each subject within a grade and across grades.

K-8 students and families enjoy:

- More than 700 lessons per grade in six core subjects, plus foreign language courses
- Hands-on materials, from books to CDs, microscopes, seeds, and magnets
- Engaged, certified teachers
- An active, supportive school community

Think about what your children could do if they had a personalized learning program that allowed them to explore their interests and learn in their own way. Discover K<sup>12</sup>, and watch them begin to think for themselves—that's thinking big!

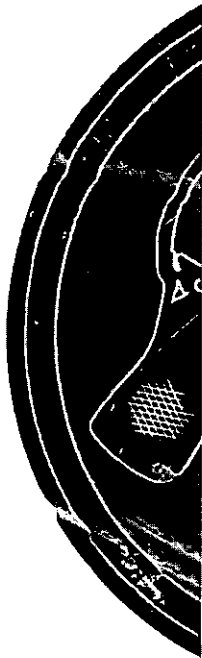
## **HIGH SCHOOL BECOMES MY SCHOOL**

Today's traditional high school experience works for many kids, but is problematic for many others. For military families, it may be the challenge of frequent moves. Whatever the issue, the K<sup>12</sup> high school program has helped thousands of kids succeed.

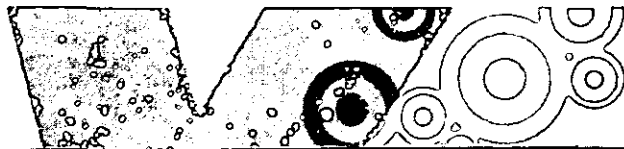
The K<sup>12</sup> program offers over 105 online courses to meet the needs of diverse learners, enabling each student to follow his or her specific path to personal success.

- Up to four levels of core courses, including Honors and Advanced Placement®
- Award-winning foreign language courses (in Spanish, French, German, Latin, and Chinese)
- Electives such as journalism, Web design, personal finance, and anthropology
- The "xTeam," of dedicated education experts—teachers, advisors, guidance counselors—who are there to give students the support they need

The K<sup>12</sup> program was designed to help students find their own path and follow it to post-high school success—whether that's in a top-tier university, a vocational program, or straight to a career. This past spring, K<sup>12</sup> graduates were accepted at over 150 post-secondary institutes, from Cornell to Middlebury to UC/Berkeley.



# HIGH SCHOOL COURSE LIST



## English

### Core

ENG102: Literary Analysis and Composition I  
ENG202: Literary Analysis and Composition II  
ENG302: American Literature  
ENG402: British and World Literature

### Comprehensive

ENG103: Literary Analysis and Composition I  
ENG203: Literary Analysis and Composition II  
ENG303: American Literature  
ENG403: British and World Literature

### Honors/AP\*

ENG104: Honors Literary Analysis and Composition I  
ENG204: Honors Literary Analysis and Composition II  
ENG304: Honors American Literature  
ENG404: Honors British and World Literature  
ENG500: AP\* English Language and Composition  
ENG510: AP\* English Literature and Composition

### Electives

ENG010: Journalism

## History and Social Sciences

### Core

HST102: World History  
HST202: Modern World Studies  
HST212: Geography and World Cultures\*  
HST302: U.S. History  
HST312: Modern U.S. History  
HST402: U.S. Government and Politics\*  
HST412: U.S. and Global Economics\*

### Comprehensive

HST103: World History  
HST203: Modern World Studies  
HST213: Geography and World Cultures\*  
HST303: U.S. History  
HST313: Modern U.S. History  
HST403: U.S. Government and Politics\*  
HST413: U.S. and Global Economics\*

### Honors/AP\*

HST204: Honors Modern World Studies  
HST304: Honors U.S. History  
HST314: Honors Modern U.S. History  
HST500: AP\* U.S. History  
HST510: AP\* U.S. Government and Politics\*  
HST520: AP\* Macroeconomics\*  
HST530: AP\* Microeconomics\*  
HST540: AP\* Psychology\*

### Electives

HST010: Anthropology\*  
HST020: Psychology\*  
HST030: Macroeconomics\*

## Mathematics

### Core

MTH102: Math Foundations  
MTH112: Pre-Algebra  
MTH122: Algebra I  
MTH202: Geometry  
MTH302: Algebra II  
MTH312: Business and Consumer Math\*

### Comprehensive

MTH113: Pre-Algebra  
MTH123: Algebra I  
MTH203: Geometry  
MTH303: Algebra II  
MTH403: Pre-Calculus/Trigonometry

### Honors/AP\*

MTH124: Honors Algebra I  
MTH204: Honors Geometry  
MTH304: Honors Algebra II  
MTH500: AP\* Calculus AB  
MTH510: AP\* Statistics

### Electives

BUS030: Personal Finance\*

## Science

### Core

SCI102: Physical Science  
SCI112: Earth Science  
SCI202: Biology  
SCI302: Chemistry

### Comprehensive

SCI113: Earth Science  
SCI203: Biology  
SCI303: Chemistry  
SCI403: Physics

### Honors/AP\*

SCI114: Honors Earth Science  
SCI204: Honors Biology  
SCI304: Honors Chemistry  
SCI404: Honors Physics  
SCI500: AP\* Biology  
SCI510: AP\* Chemistry  
SCI520: AP\* Physics B

### Electives

SCI010: Environmental Science  
SCI020: Life Science: Oceanography\*

## Orientation

ORN010: Online Learning 09-10  
ORN100: Finding Your Path I  
ORN200: Finding Your Path II  
ORN300: Finding Your Path III  
ORN400: Finding Your Path IV

## World Languages

### Comprehensive

WLG100: Spanish I  
WLG200: Spanish II  
WLG300: Spanish III  
WLG110: French I  
WLG210: French II  
WLG310: French III  
WLG120: German I  
WLG220: German II  
WLG130: Latin I  
WLG230: Latin II  
WLG140: Chinese I  
WLG240: Chinese II

### Honors/AP\*

WLG500: AP\* Spanish Language  
WLG510: AP\* French Language

## Electives

ART010: Fine Art  
ART020: Music Appreciation  
BUS010: Business Communication and Career Exploration\*  
BUS020: Business and Personal Relationships\*  
BUS030: Personal Finance\*  
BUS040: Introduction to Entrepreneurship\*  
(Available winter 2010)  
ENG010: Journalism  
HST010: Anthropology\*  
HST020: Psychology\*  
HST030: Macroeconomics\*  
SCI010: Environmental Science  
SCI020: Life Science: Oceanography\*  
OTH010: Skills for Health\*  
OTH020: Physical Education\*  
OTH030: Career Planning\*  
OTH040: Reaching Your Academic Potential\*  
OTH050: Achieving Your Career and College Goals\*  
(Available winter 2010)

## Technology and Computer Science

TCH010: Computer Literacy I\*  
TCH020: Computer Literacy II\*  
TCH030: Digital Photography and Graphics\*  
TCH040: Web Design\*  
TCH050: Digital Video Production\*  
TCH060: C++ Programming\*  
TCH070: Game Design I\*  
TCH080: Game Design II\*  
TCH090: Online Game Design\*  
TCH016: Flash Animation\*  
TCH017: 3D Art I—Modeling\*  
TCH018: 3D Art II—Animation\*  
(Available winter 2010)  
TCH019: Computer-Aided Design (CAD)\*  
(Available winter 2010)

\*This is a one-semester course.



**WITH K<sup>12</sup>, RECEIVE A HIGH QUALITY, AMERICAN EDUCATION ANYWHERE IN THE WORLD YOUR FAMILY GOES.**

The full-time program includes:

- Individual learning plans, so each child can progress at the pace and level right for him or her in each subject
- Engaged, certified teachers
- Innovative curriculum with over 100,000 pieces of animation, audio and video, including many titles from Discovery Education
- A rich mix of online and offline content—from great books to microscopes
- An active, supportive, global school community—both online and offline
- A patented methodology for online learning
- A robust Advanced Learner Program that challenges talented children with unique enrichment opportunities

### **Available options for military families:**

**Public:** High quality, free public education in many states and D.C.

**Private:** K<sup>12</sup> International Academy—our accredited, diploma-granting private school option, with an exclusive **15% military discount**

**Homeschool:** Over 160 award-winning K-12 courses, each available for direct purchase with the same **15% military discount**

**Visit [www.K12.com/military](http://www.K12.com/military) or call 866.667.1262 to learn about military discounts and tuition-free options.**



**DISCOVER K<sup>12</sup>. BECAUSE MILITARY FAMILIES, WHO GIVE SO MUCH, DESERVE NOTHING LESS THAN THE BEST.**

# K-8 COURSE LIST

## English/Language Arts

Language Arts K  
Language Arts 1  
Language Arts 2  
Language Arts 3  
Language Arts 4  
Language Arts 5  
Intermediate English A  
Intermediate English B  
Literary Analysis and Composition

## History

History K  
History 1  
History 2  
History 3  
History 4  
American History Before 1865  
American History Since 1865  
Intermediate World History A: From Prehistory Through the Middle Ages  
Intermediate World History B: Our Modern World, 1400 to 1917

## Math

Math K  
Math 1  
Math 2  
Math 3  
Math 4  
Math 5  
Pre-Algebra A  
Pre-Algebra B  
Algebra 1

## Science

Science K  
Science 1  
Science 2  
Science 3  
Science 4  
Science 5  
Earth Science  
Life Science  
Physical Science  
Advanced Earth Science  
Advanced Life Science  
Advanced Physical Science

## World Languages

### Elementary

Spanish 1  
Spanish 2  
French 1  
French 2  
German 1  
German 2  
Latin 1

### Middle School

Spanish 1  
Spanish 2  
French 1  
French 2  
German 1  
German 2  
Chinese 1  
Chinese 2

## Electives

### Music

Preparatory Music  
Beginning 1 Music  
Beginning 2 Music  
Introduction to Music  
Intermediate 1 Music  
Intermediate 2 Music  
Intermediate 3 Music  
Exploring Music  
Music Concepts A  
Music Concepts B  
Music Appreciation

### Art

Art K  
Art 1  
Art 2  
Art 3  
Art 4  
Intermediate Art: American A  
Intermediate Art: American B  
Intermediate Art: World A  
Intermediate Art: World B

# WHAT WE OFFER

- The **exceptional**, engaging **K<sup>12</sup> curriculum**, with more than 700 lessons per grade level
- A high-quality, **public school education**
- Passionate, **experienced teachers**
- An **individualized approach** to learning
- An **active**, supportive **school community**

## The K<sup>12</sup> curriculum

We use the award-winning curriculum from K<sup>12</sup>, the nation's leading online learning provider for grades K-12. The K<sup>12</sup> curriculum and patented methodology are based on decades of education research about how young minds really work. With courses in six core subjects, it was designed to let K-8 kids find the learning style that works best for them.

## Bringing lessons to life

K<sup>12</sup> lessons come to life with a rich mixture of online and offline teaching tools, including interactive animations, award-winning printed books, original CDs and videos, and materials for hands-on experiments. Lessons are followed by assessments so you can be sure your child has mastered a particular area before moving on.

## Support from passionate, experienced teachers

Support and guidance from engaged, qualified teachers travels with students as easily as the books and lessons. Whether students are stumped on how to solve a math problem, are worried about the results of their latest unit assessment, or just want to ask a question, assistance from their teacher is a mouse click or a phone call away.

## The K<sup>12</sup> Online School (OLS)

The K<sup>12</sup> Online School helps families to manage the array of lessons that make up the K<sup>12</sup> curriculum. Through the OLS, parents and students can access lessons, customize their schedule, track student progress, and record attendance. The OLS provides direct access to lessons and tools for each student, as well as announcements from K<sup>12</sup>.

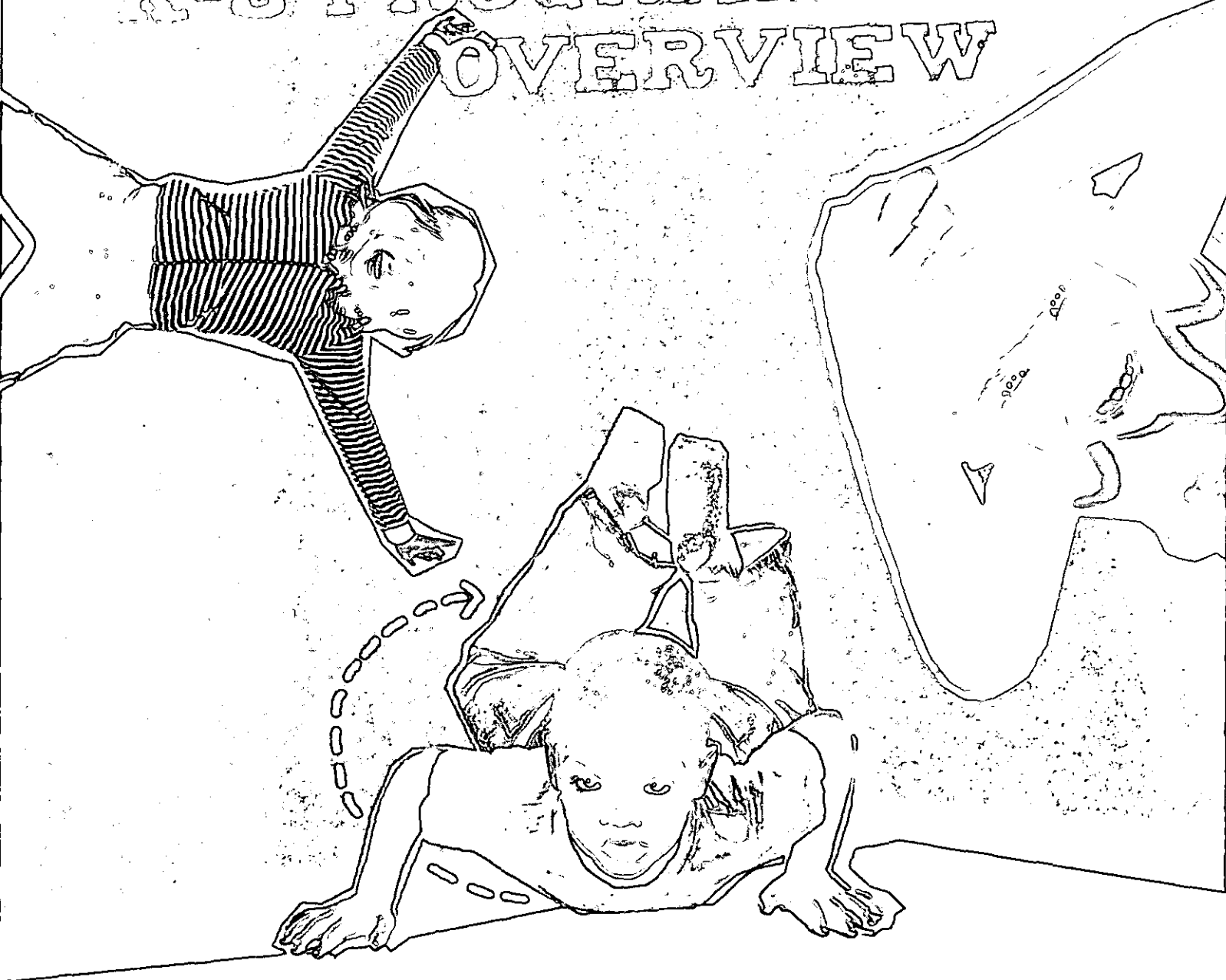
## The K<sup>12</sup> Online Social Community Site

K<sup>12</sup>'s private, safe online community area is a treasure trove of information for everyone in the K<sup>12</sup> family. It's a place for students and parents to share their thoughts, learn from others, and connect with each other and with the minds at K<sup>12</sup>. You'll find discussion boards, games for students, competitions, and lots more.

powered by



# K-8 PROGRAM OVERVIEW



ALASKA  
VIRTUAL ACADEMY





## Alaska Virtual Academy

The Alaska Virtual Academy at Wrangell and K<sup>12</sup> ignite the minds of children like yours to bring learning and possibility alive. Together, we are helping Alaska students in grades K-8 reach their true, personal potential.

Visit us online:  
[K12.com/ak](http://K12.com/ak)

Call us toll free:  
866.989.0631

### What we offer:

- The exceptional, engaging K<sup>12</sup> curriculum
- A high-quality, public school education
- An individualized approach to learning
- An active school community
- All the materials you need—from textbooks to paint, and microscopes, as required by coursework

## K-8 Courses\*

The K<sup>12</sup> curriculum for grades K-8 includes six core courses: Math, Science, English/Language Arts, History, Art, and Music. In addition, we offer multiple levels of foreign languages. The curriculum is mastery-based, with assessments built into every lesson to guide and tailor the pace of progress to each child's needs.

### > Math

Balancing mastery of fundamental skills with critical thinking and problem-solving, K<sup>12</sup> Math emphasizes an active, multi-sensory approach that ensures students understand the concrete realities that underlie mathematical concepts. Regular practice and review ensures mastery of basic skills.

### > Science

K<sup>12</sup> Science balances hands-on experience with systematic study of scientific terms and concepts. Students perform many experiments to help them understand scientific principles through firsthand discovery, as well as receiving guided instruction in important scientific concepts.

### > Language Arts/English

K<sup>12</sup> Language Arts/English helps students develop important reading and writing skills, while also inspiring a love of literature. Combining Phonics, Literature, Language Skills, and Spelling lessons, the Language Arts/English program emphasizes classic works, teaches writing as a process, and prepares students for standardized tests in the areas of language skills and reading comprehension.

### > History

K<sup>12</sup> History, with integrated topics in Geography and Civics, opens young minds and imaginations to far off-lands, distant times, and diverse peoples. K<sup>12</sup> History emphasizes the story in history—beginning with an overview of American history, continuing through the story of civilization—from the Stone Age through Modern World Studies.

### > Art

Following the timelines in the History lessons, K<sup>12</sup> Art lessons introduce students to great works of art from different cultures and eras while engaging them in creative activity—painting, drawing, molding with clay, etc. Students are introduced to the elements of art and identify different types of art as they learn about important paintings, sculpture, and architecture.

### > Music

K<sup>12</sup> Music teaches basic music concepts at different, age-appropriate levels, so that all students have a consistent understanding of the essential concepts governing Western music. Assuming no prior musical training, the lessons help students learn about and appreciate music, from singing and dancing to rhythm and playing the recorder.

### > Foreign Languages

The **powerspeak**<sup>K<sup>12</sup></sup> award-winning suite of online foreign language courses offers multiple levels of Spanish, French, Latin, German, and Chinese. Students can begin learning a new language as early as kindergarten. All **powerspeak**<sup>K<sup>12</sup></sup> courses are designed just for kids and use a proven, natural-language-learning approach.

\*For specific information on the courses our school offers, visit our website.

