



Educational Website Resource Toolkit

One Voice Phillips Launch Night
PHILLIPS ELEMENTARY
February 28, 2013

**ACADEMIC EXCELLENCE IS
THE KEY TO YOUR FUTURE**



Academic excellence is the key to your future educational success in school and college, employment success, financial success or whatever you desire!

As parents, we have access to a large variety of learning resources all around us. We must seek them out which takes up valuable time. This toolkit has been created as a parent resource where educational websites are located in one primary location. This document is not considered comprehensive yet a starting point for a parent to find valuable website resources to reinforce your child's learning at home, on seasonal breaks from school or over the summer.

Special Thanks

to the Phillips Elementary contributors of this toolkit:

Our Principal, Assistant Principal
and Counselor

Phillips Elementary Teachers and staff
Phillips Academy Team

One Voice Coordinator of Student Achievement and
Involvement

One Voice Phillips Ambassador Team



Academic excellence is the key to your future educational success in school and college, employment success, financial success or whatever you desire!

**ACADEMIC EXCELLENCE IS
THE KEY TO YOUR FUTURE**



The Educational Website Resource Toolkit is divided into twelve (12) sections of website resources:

Section 1: Academic Applications

Section 2: Math Mission

Section 3: Phillips Academy

Section 4: Frisco ISD

Section 5: Frisco Library

Section 6: Counseling Resources

Section 7: Internet Safety

Section 8: iPhone Apps

Section 9: Video Game System games

Section 10: Create **YOUR** Reinforcement schedule

Section 11: Teacher suggested websites by Grade K-5

Section 12: Advanced Placement (AP) information



Section 1:

Academic Applications

To access these websites, open your favorite browser and search the title listed below:

Science

- ◆ Vision Learning
- ◆ Science 360
- ◆ iSeismometer
- ◆ Leafsnap
- ◆ Genetic Decoder
- ◆ Project Noah
- ◆ Vision Learning
- ◆ Quiz Kids Science
- ◆ Tinker Box
- ◆ NBC News – The Zumobi Network News
- ◆ Science Art: Free jigsaw puzzle
- ◆ iElements –Periodic Table of Chemical Elements
- ◆ Clever Bird Early Science
- ◆ Crazy Genetics
- ◆ Science Channel
- ◆ Cosmonauts
- ◆ Large Fruit Collider
- ◆ BioIQ Biology Picture Game
- ◆ Click and Learn – Howard Hughes Medical Institute
- ◆ PEEP and the Big Wide World Quack’s Apples
- ◆ Enjoy Learning Anatomy model puzzle
- ◆ Language Central for Science – Life Science Edition
- ◆ PEEP and the Big Wide World Trash Stash
- ◆ Instant Wild
- ◆ Language Central for Earth Science
- ◆ GED Science Flashcards
- ◆ KidScience
- ◆ MCAT Science Flashcards
- ◆ Language Central for Science – Physical Science
- ◆ School Tool
- ◆ Ready Set STAAR Test Practice App
- ◆ GenomeCache
- ◆ BrainPOP featured Movie
- ◆ Human Body Facts
- ◆ Science Glossary by Vision Learning
- ◆ Video Science
- ◆ iTunes U
- ◆ Brain Quest
- ◆ Best Science Facts
- ◆ Khan Academy – Khan Academy Education
- ◆ 8 Planets
- ◆ Project Noah
- ◆ All About Space
- ◆ Phyzios Studio
- ◆ DailyCals – Science Calculator
- ◆ Organic Chemistry Nomenclature Quizillator
- ◆ Crazy Formula Lite
- ◆ Howard Hughes Medical Institute
- ◆ Quick Homework Help
- ◆ Elements – Periodic Table Element Quiz
- ◆ Oobie’s Space Adventure
- ◆ Test your Vocabulary with Science XL
- ◆ ASVAB Science Flashcards
- ◆ Random Facts
- ◆ A+ Science Facts
- ◆ Science Quiz – Quipper limited education
- ◆ Physics World News Flash
- ◆ ACT Science Flashcards
- ◆ eebee’s baby learning adventures
- ◆ Academy Insider
- ◆ Element Matching Free
- ◆ Cool Science Facts
- ◆ TED – Ted Conf. Ed. Middle Sch. Science
- ◆ Moon Globe
- ◆ The Rock Cycle
- ◆ SciBeaver Adventures
- ◆ Mars Globe
- ◆ The Chemical Touch
- ◆ DK Quiz
- ◆ JogNog
- ◆ Space Place Prime
- ◆ Baby Plants Vegetables
- ◆ ISSLive – NASA Education
- ◆ Pocket Penguins
- ◆ McGraw-Hill K-12 eFlashcards
- ◆ Pi Cubed Lite
- ◆ Just Science
- ◆ Gofun
- ◆ Collider
- ◆ ScifiNow
- ◆ Aeon Wars: 2105
- ◆ 3D Cell
- ◆ PopSci Interactive
- ◆ Human Kinetics Now
- ◆ DIY Nano
- ◆ Medlab Tutor
- ◆ Elementeo
- ◆ BioNinja IB
- ◆ Satellite Insight
- ◆ Maker Faire – Official App

ACADEMIC EXCELLENCE IS
THE KEY TO YOUR FUTURE



Section 1:

Academic Applications (cont.)

To access these websites, open your favorite browser and search the title listed below:

Engineering

- ♦ Force Effect Motion Engineering.Com iMachinist
- ♦ Ohm's Law – Creature Code Utilities PlanGrid – Construction iDynamic
- ♦ TopOpt – DTU Mechanical Engineering Structural Synchronizer View vueCAD
- ♦ Mechanical Engineering Magazine Civil Engineering Magazine Bluestreak
- ♦ MIT Mobile – Massachusetts Institute of Technology Digital Engineering
- ♦ Manufacturing Engineering Chemical Engineering App Marine Scientist
- ♦ Engineering News iPhone Edition Backline Calc – Audiofile Engineering Music
- ♦ EE Times – The Global Electronics Engineering Community Broadcast Engineering
- ♦ Blue Tanks – Mid Atlantic Engineering Games Construction Lite
- ♦ SimPhone – Simbotics Reference – Robotics MobiGage Laser
- ♦ MATSOL Schnittkraftmeister Brain's Atomic Adventures eAppSuite

Section 1:

Academic Applications (cont.)

To access these websites, open your favorite browser and search the title listed below:

Math

- ◆ Math with Your Friends GED Math Flashcards School Tool Unit Math
- ◆ iTunes U Lumosity BrainTrainer Khan Academy Math Drills Lite
- ◆ Math. – Your Teacher .com education Math Puppy – Bingo Challenge
- ◆ My Math Flashcards App MultiFlow: Times Tables Reimagined Practice Mathway
- ◆ Baby Flash Cards Mathmateer +SUDOKO Free Long Division Touch
- ◆ Sushi Monster Math Blaster HyperBlast 2 HD Math, age 3-5
- ◆ 123 Kids Fun Games Free Sprinkle Free Awesome Flashcard Multiplication
- ◆ Multiplication Genius X19 Free Vault Breaker Bingo First Grade Learning Games
- ◆ Math Bug Free Conundra Math iMathematics! KenKen Premium Edition
- ◆ BrainQuest iFormulas Pizza Fractions Math Racing Turbo
- ◆ Drill Math Word Problems: Banana Math
- ◆ 1st-3rd Grade Math: Splash Math Worksheets App
- ◆ Math Games Math Vs Zombies Math Academy AB Math Lite Math Cards!!
- ◆ Geoboard, by the Math Learning Center King of Math Khan Academy – Algebra 1
- ◆ Amazing Coin(USD) Twinoo Brain Training

Social Studies

- ◆ GED Social Studies Flashcards

Testing/Tutoring

- ◆ Answer Underground AP Exam Prep – McGraw-Hill AP 5 Steps to a 5 series
- ◆ Quick Homework Help Math GMAT GRE ACT – PrepGame



Section 2:

Math Mission

To access this webpage, go to www.friscoisd.org/phillips
On the tabs on left side of the page, click on Math Mission

Would you like to know why math instruction at the elementary level looks different than it did when you were in school? Are you stumped by the strategies your child is using with math homework?

The mission of the Frisco ISD elementary mathematics program is to promote meaningful learning for all students through a comprehensive curriculum. This tab has an overview on the math instruction for Frisco ISD along with videos of different concepts taught in the grade levels.

Our program is committed to maximizing the learning of mathematics in which students are engaged in the process of making sense of the math around them, developing conceptual understanding of mathematical concepts, applying strategies for solving meaningful problems, as well as working cooperatively as a community of learners.

Teaching Strategies

- Addition and Subtraction

[Partial Sums Addition](#)

[Partial Differences Subtraction with 2 Digits](#)

[Partial Differences Subtraction with 3 Digits](#)

[Subtraction using a Number Line](#)

[Addition using a Number Line](#)

- Multiplication

[Multiplication with Area Model](#)

[Partial Product Multiplication with 2 Digits](#)

[Partial Product Multiplication-Box Method](#)

- Division

[Division with Area Models](#)

[Division using Big 7 \(Single Digit Divisor\)](#)

[Division using Big 7 \(Double Digit Divisor\)](#)

More resources and video links at bottom of Math Mission site off Phillips homepage

Section 3:

Phillips Academy

Our Phillips Academy page has some videos along with information from our STAAR Night and math workshop for parents.

<https://sites.google.com/a/friscoisd.org/phillips-academy/home>

This page has different websites the students could use at home.

<https://sites.google.com/a/friscoisd.org/phillips-academy/technology>

*****Additional at-home resources:*****

Think Through Math (Grades 3-8): <http://www.thinkthroughmath.com/>

Think Through Math sets a powerful **new standard** of differentiation with its web-based and adaptive learning platform. The program focuses intervention with personalized learning pathways, explicit instruction, meaningful practice, and unlimited access to LIVE, state-credentialed teachers.

Sum Dog: <http://www.sumdog.com/>

On Sumdog, students learn math by playing short games against classmates. Students work hard to earn coins to buy gear for their avatar.

Dovewhisper: <http://dovewhisper.com/>

i-Station at home: (For Grades 3-5):

This is a state-funded reading program now with free and unlimited access at home. Istation allows teachers, students and now you to better understand and monitor your students reading progress.

1, Install Istation on your home computer.

-Visit www.istation.com/IstationHOMe/TX and follow the simple installation instructions.

2. Information you will need:

-Student's Legal Name: first, middle initial and last name

-School/Domain: phillips.frisco.tx

User name: Student's School ID Password: date of birth (MMDDYYYY)

For more information, visit www.texasuccess.org or call 1-877-315-4918



Section 4: Frisco ISD

SCIENCE

The website below is from the science department and is on Frisco ISD website. It talks about the different concepts taught in each grade level.

<http://www.friscoisd.org/ly/departments/CurriculumInstruction/ElementaryScienceOverview.htm>

This website takes you to the FriscoISD.org page which describes Curriculum and Instruction for Science. From here, you can click on Curriculum and Instruction for the following areas:

Elementary Handwriting
Elementary Literacy
Elementary Math
Elementary Science
Elementary Spelling
Kindergarten
Kindergarten Acceleration
Pre-Kindergarten

Gifted Education

Many others in the list

VISIT **The Texas Education Agency** website for Texas Essential Knowledge and Skills

www.tea.state.tx.us

ACADEMIC EXCELLENCE IS
THE KEY TO YOUR FUTURE



Section 5:

Frisco Library

First, parents must sign up their children at the Frisco Library. With a library card, all resources are FREE to Frisco residents both in library and at home with your card number.

Membership benefits can be found at frisco.library.com/membership

Frisco residents can utilize other libraries in Allen, McKinney, Plano and The Colony for FREE with your Frisco library card. You need to get a library card from that city library.

Note: There will be an Interlibrary loan service fee per item.

To access this website, go to www.friscolibrary.com

Click on “Online Resources”

Select “Elementary” audience level from the lower left corner and click “Apply”

***Note: you can go back and change your audience to middle school, high school or adult for different resource lists.

Review **ALL** Elementary level databases and website resources for homework help, research and projects.

ONLINE COURSES AND CAREER TRAINING PROGRAMS:

Go to www.friscolibrary.com/ed2go

- Test Preparation Online Courses
- Online Courses for Business Professionals
- Online Courses for Small Business Owners
- Online Courses for Healthcare Professionals

These courses are FREE to Frisco Library cardholders yet may have a material fee associated.

For any library questions, call 972-292-5669

Section 5:

Frisco Library (cont.)

Arctic Project Homework Help

If all the books on your child's animal are checked out, we still have many wonderful resources to help your child ace their project. Call us, come by and see us, explore our website and don't forget to check out www.friscolibrary.com/downloads for lots of fabulous e-books!

General Search Sites

- <http://www.kidskonnnect.com/>
- <http://www.scholastic.com/kids/homework/>
- <http://www.factmonster.com/>

Next, checkout our Kids Databases at the library! Databases are a vast collection of the most up-to-date encyclopedias, professional journals, newspapers and more that are available online and can be accessed with your library card. Databases can be a great way to get the required number of resources your teacher may want. They will list the citation from the physical source so that you can cite them correctly as a physical resource – without lugging a huge bag of heavy books around! How cool is that?

Check out our Online Resources link from friscolibrary.com. Remember to have your library card and password handy.

Here are two popular websites to get you started outside the library.

Need a picture to submit with your project? National Geographic is known for its amazing photos. This is a special section geared for kids.

<http://kids.nationalgeographic.com/kids/photos/arctic-animals/>

From the makers of the popular magazine comes a website that is a virtual zoo visit!

<http://www.zoobooks.com/virtualzoo.aspx>

We hope you go to the head of the class with your Arctic Animal Project and utilize the resources the library has to offer!

Remember to check these sites often for homework help and fun educational resources:

Fplparentplace.com

digital.friscolibrary.com

Friscolibrary.com/online-resources

Section 6:

Counseling Resources

The following link is to the “Counselor’s Corner” at the CTE Center in FISD. It has tons of wonderful information for parents, especially in the area of college readiness.

➤ <http://www.friscoisd.org/ly/schools/cte/counselor.htm>

To find out more about Safe Schools and Student Success Parenting Series You can find podcast of the past sessions located on the site below.

- ◆ Back to School Basics
- ◆ Parenting AD(H)D in the Smart Zone
- ◆ Grief and Loss
- ◆ Suicide
- ◆ Bullying, Internet Safety and Technology Addictions
- ◆ Mom’s House, Dad’s House

Upcoming presentations:

- ◆ Substance Abuse and Student Development – Mar 4 6p-7p
- ◆ Healthy Relationships – May 13 6p-7p

Register at the link below or view past podcasts

➤ <http://www.friscoisd.org/ly/departments/GuidanceCounseling/ParentStudentResources.htm>

ACADEMIC EXCELLENCE IS
THE KEY TO YOUR FUTURE



Section 7: Internet Safety

Be Web Smart website:

Think Safety and Act Safely

FISD Cares About Keeping Our Students Safe on the Web

<https://sites.google.com/a/friscoisd.org/be-web-smart/home>

**ACADEMIC EXCELLENCE IS
THE KEY TO YOUR FUTURE**

Section 8:

iPhone & Laptop Apps

To access these apps, open your iPhone and search the title listed below:

The following apps would be great for students to use at home.

iPhone Apps

- ◆ Math Bingo
- ◆ Pop Math
- ◆ Kids Math
- ◆ Sea Math
- ◆ Any McGraw-Hill apps
- ◆ Splash Math (any grade level)
- ◆ Math Evolve
- ◆ Math Ninja
- ◆ Math Academy
- ◆ Mathmateer

iPad/Ideapad and other devices for other apps

Go to the app store on your device

Search topic:

Math

Educational games for kids

Educational games elementary

Be careful to review the cost. There are several that are FREE.

ACADEMIC EXCELLENCE IS
THE KEY TO YOUR FUTURE

Section 9:

Video Game System games

For alternative family fun, search Amazon.com, Target.com, Walmart.com, ToysRUs or your favorite retailer for educational games on your video game system.

Nintendo DS or Wii (Rated E for Everyone)

- ◆ Are you Smarter than a 5th Grader?
- ◆ Left Brain 2 Right Brain
- ◆ Scripps Spelling Bee
- ◆ Logic Machines
- ◆ Learn Science
- ◆ Margot's Word Brain
- ◆ Brain Age 2
- ◆ Personal Trainer Math
- ◆ Learn Math

Just another alternative for FUN with your child.

ACADEMIC EXCELLENCE IS
THE KEY TO YOUR FUTURE

Section 10: Create YOUR Reinforcement Schedule

Weekly:

Custom create a daily/weekly schedule that reinforces learning for your child.

DAILY/WEEKLY schedule for the student:

◆ 6 minute timed drills on addition, subtraction, multiplication or division
Example: Goto www.math-drills.com, choose math area, it prints 100 problems on a sheet

- ◆ 15 minutes on Dovewhisper – Multiplication
- ◆ 15 minutes on Dovewhisper – Commas, Adverbs, Adjectives
- ◆ 20 minutes on iStation at home
- ◆ 20 minutes on Sum dog
- ◆ 20 minutes on ThinkthroughMath
- ◆ Play the Schoolhouse Rock video for multiplication during breakfast
- ◆ Watch the Schoolhouse Rock videos on YouTube before bedtime
- ◆ Read bedtime stories 10-20 minutes every night
- ◆ Watch YouTube Videos on grammar topics like commas, conjunctions, adverbs, SchoolHouse Rock, multiplication, addition, etc.

Goto to YouTube.com – in the search bar, type your topic

- ◆ **FUN FRIDAY:** Have FUN playing educational video games as a family

DAILY/WEEKLY schedule for the parent:

- ◆ 15-30 minutes - Review the Dovewhisper.com grade level tabs of resources
- ◆ 15-30 minutes - Review Friscolibrary.com resources
- ◆ 15-30 minutes - Review Math Mission on Phillips home page
- ◆ 15-30 minutes - Review Phillips Academy on Phillips home page
- ◆ 15-30 minutes – Review Counseling Resources
- ◆ 15-30 minutes – Review Internet Safety website resources
- ◆ 15-30 minutes – Loading apps, searching for app for phone, ipad or ideapad
- ◆ 15-30 minutes – Review topic titles from Academic Applications list
- ◆ **FUN FRIDAY:** Have FUN playing educational video games as a family

CONTINUE TO REVIEW SECTIONS 1-12 IN THIS TOOLKIT

Section 11:

Teacher suggested websites by Grade K-5

These websites are separated by grade level yet review them all. Some websites have K-5 activities.

Kindergarten

- ♦ www.dovewhisper.com
- ♦ www.abcya.com
- ♦ www.starfall.com

First Grade (1st Grade):

- ♦ www.starfall.com
- ♦ www.dovewhisper.com
- ♦ www.sumdog.com
- ♦ www.abcya.com
- ♦ <http://teacher.scholastic.com/activities/clf/tguidesitemap.htm>
- ♦ <http://www.kidsastronomy.com/>
- ♦ <http://bensguide.gpo.gov/k-2/symbols/index.html>
- ♦ <http://www.funbrain.com/FBSearch.php?Grade=1>
- ♦ <http://www.scholastic.com/magicschoolbus/games/>
- ♦ www.coolmath-games.com

Second Grade (2nd Grade):

- ♦ Same list as First Grade

Third Grade (3rd Grade):

- ♦ www.spellingcity.com
- ♦ www.dovewhisper.com
- ♦ www.sumdog.com
- ♦ www.thinkthroughmath.com

Fourth Grade (4th Grade):

- ♦ www.dovewhisper.com
- ♦ www.ixl.com
- ♦ www.thinkthroughmath.com
- ♦ www.sumdog.com
- ♦ www.grammaropolis.com

Fifth Grade (5th Grade):

- ♦ www.abcya.com
- ♦ www.sumdog.com
- ♦ www.dovewhisper.com
- ♦ www.funbrain.com
- ♦ <http://www.primarygames.com/math.php>

For History – www.libertyskids.com

Library and Computer Lab

Internet Safety Websites

- ♦ www.netsmartkids.org
- ♦ <http://pbskids.org/webonauts>
- ♦ www.abcya.com - Great website we use in Computer class for typing, math, reading, problem solving, etc.


***GRADES 2-5 GRAMMAR. Watch YouTube Videos on grammar topics like commas, conjunctions, adverbs, adjectives, verbs, SchoolHouse Rock, etc.

Goto YouTube.com – in the search bar, type your topic

- ♦ **MATH:** Do 6 minute timed drills on addition, subtraction, multiplication or division
Example: Goto www.math-drills.com, choose math area --- it prints 100 problems on a sheet

CONTINUE TO REVIEW SECTIONS 1-12 IN THIS TOOLKIT





Section 12: Advanced Placement (AP) Information

If you have a student in middle school or entering high school and wonder what the Advanced Placement experience is like or want to review resources about Advanced Placement, these resources are valuable to you.

Watch student video experiences, read how AP teachers support AP students and how AP affects colleges now turning to recruit your child.

www.ExploreAP.org

Search: student search service

www.collegeboard.org

www.apreport.collegeboard.org - for the 9th Annual AP Report to the Nation



**ACADEMIC EXCELLENCE IS
THE KEY TO YOUR FUTURE**

Connect with

~ ONE VOICE ~

Visit the One Voice homepage at www.onevoicefrisco.org and stay connected through Facebook, Google+ and Twitter.

Thank you for participating in
One Voice Phillips Launch Night!

