



# this & that

A NEWSLETTER FOR NEBRASKA BUSINESS, MARKETING & MANAGEMENT  
COMMUNICATION & INFORMATION SYSTEMS EDUCATORS

2016  
SUMMER  
ISSUE

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## PROFESSIONAL DEVELOPMENT

Summer break is here and we hope you've scheduled some down time for family and friends. Plan to participate in some type of professional development this summer. Just a few options from which you can choose include:

- [Nebraska Career Education Conference](#), June 6 – 9, Kearney
- [Elementary Keyboarding Workshop](#), Neligh-Oakdale High School, July 26 (FULL), July 27 (OPEN)
- [Standards Implementation Workshops](#) (2016 Fall BMIT Workshops)
- [Code.org – K-5 Computer Science Trainings](#) (Kent Steen, LPS)

## TECHNOLOGY TIPS

**Widow/Orphan**—Pat Arneson of Wayne State College responded to a BMIT Listserve question about teaching the “Widow/Orphan” concept in Word. You’ll want to remember this one!

At the bottom of a page or column, there should always be a header with at least 2 lines of type that follow it.

Thus, the “**Widow**” is the header that is left with either no succeeding line or lines of type on the first page; the “orphan” is either the one lone line left with the Widow on the first page OR the “orphan” remaining line that went to the next top-of-page.

In other word, the “widow” needs at least 2 “orphaned kids” (aka lines of type); if not possible, the “widow” should take the “kids” to the next column or page!

# this & that



## Online and On-Demand Now: Money and Banking Webinar

Not able to attend our webinar on money and banking resources for the classroom in February? You can still access the webinar and associated resources online now, whenever it's convenient for you. You'll also find other professional development resources for educators at your fingertips.

*Access the webinar and professional development resources now!*

Visit our website at [www.kansascityfed.org/education](http://www.kansascityfed.org/education) to search for free curriculum, resources and research to assist you in your classroom and connect with a local education team contact. Feel free to email us any time with questions!

## Seesaw – Student Driven Portfolios

by Mickie Mueller, Educational Technology Facilitator, Norfolk Public Schools



My favorite new tool this year has got to be [Seesaw](#). Seesaw is a tool that allows your students to create digital portfolios. This is a great way for students to document what they are learning. Students can add pictures, text, drawings and videos to their portfolio. One of my favorite features is the ability for students to record their voice on top of any Seesaw entry. They can take a picture of a math worksheet and then explain how they completed the problems. Getting students to talk about their learning can be a powerful tool! And maybe best of all, parents can have access to their child's

portfolio so parents get a glimpse into your classroom. Seesaw portfolios are appropriate for any grade level and you can access Seesaw on iPads and Chromebooks. The parent app is available online, for Android and iOS. Check out my [Seesaw LiveBinder](#) to get started with Seesaw today!

**Banzai** — is an online financial literacy program. The content is designed with teenagers in mind. The tool provides real-world financial literacy scenarios that engage students. You can create classes to track student progress. Students start by taking a pretest and then are presented with 30+ real life scenarios that include everything from receiving a paycheck to buying concert tickets to getting hurt and going to the hospital to tax refunds to cellphones and shopping — everything real teenagers can encounter. Upon completion of the real life scenarios, there is a game to play. At the end there is a post test. The curriculum is aligned with Nebraska's Economic Standards.

## Banzai!

All of this is available online. However, you can receive a print copy of the real life scenarios. Banzai will even contact financial institutions in your area to cover the cost of the printed materials! So there truly is no cost to you to participate.

I tested the site using Chrome on my laptop and on an iPad. I had no issues running it on either device in my quick test.

If you are looking at jazzing up your financial literacy class or units, Banzai might be just the ticket! As an added benefit of the program, the topics Banzai covers fulfill many state-mandated requirements for personal finance and financial literacy. Take a look at how Banzai aligns with [Nebraska's State curriculum requirements](#). For more information or to sign up for your free materials, go to [teach-banzai.com](http://teach-banzai.com).

RESOURCES continued on next page

## Wausa, Lincoln Southwest , Tri County, Fillmore Central Rank in Top 100 for W!SE



Four Nebraska high schools placed nationally in the 100 Best W!SE High Schools Teaching Personal Finance. Wausa High School's personal finance teacher, Dawn Friedrich, attended the April 11 ceremony recognizing Wausa Public School for placing 19th in the nation. Other Nebraska schools placing in the top 100 included:

- Lincoln Southwest High School, instructor Josh Hinrichs' College Personal Finance class placed 8th in the large school division
- Tri County High School, instructor Dennis Krejci, Personal Finance
- Fillmore Central High School, instructor Cindy Talley, Personal Finance

"Nebraska educators are proud to have many schools participating in the W!SE financial literacy certification testing," said Bonnie Sibert, Career Field Specialist for Business, Marketing and Management of the Nebraska Department of Education. "Schools are encouraged to add this industry certification to their students' portfolios and/or resumes for achieving certification."

Wausa Public School was among three schools chosen nationally to participate in a You Tube video ([https://www.youtube.com/watch?v=jdUWF\\_pCxEE](https://www.youtube.com/watch?v=jdUWF_pCxEE)) developed to promote W!SE certification testing. A videographer from New York traveled to Wausa to interview alumni, students, the superintendent and teacher.

Working in Support of Education or W!SE is a leading educational nonprofit based in New York City. W!SE focuses on improving the lives of young people and at-risk adults through programs that develop financial literacy and readiness for college and the workforce. This national ranking was determined with support from an advisory board or experts from academia and finance. The predominate factor was the average score on the Financial Literacy Certification Test with consideration given to eligibility for free lunch and the proportion of test takers to the school population.

For more information, visit [wise-ny.org](http://wise-ny.org) or call 212-421-2700.

### RESOURCES *continued*

The April 19 **#busedu chat was all about Financial Literacy** in honor of Financial Literacy Month. If you missed the chat you can [check out the archives here](#). There were lots of great resources and tips shared!

One of the tools that was shared was new to me so I thought I would pass it along. [CashCrunch Games](#) is a site that has a personal finance game and resources. There are lesson plans for teachers as well as a collection of videos dealing with various personal finance topics. The game, CashCrunch 101, works on multiple devices. There is a downloadable version for Windows, as well as an online version and Android and iOS (iPad only) apps.

## HOT JOBS

APRIL, 2016

NEBRASKA DEPARTMENT OF LABOR

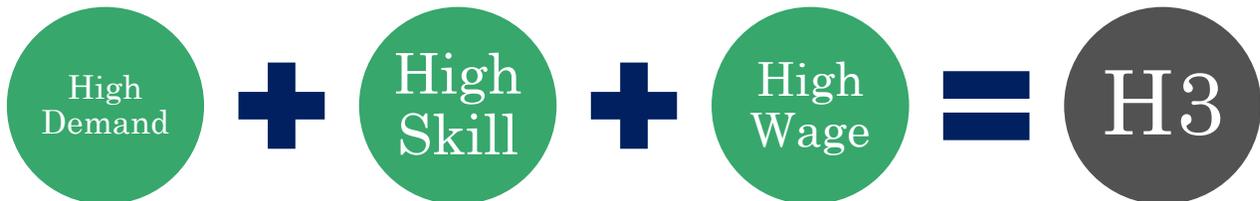
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**Demand** High Number of Openings  
Net Change in Employment  
Growth Rate

**Skill** Some College or Higher  
High School Diploma or Equivalent +  
Long-term on-the-job training, Apprenticeship, or Internship/residency

**Wage** At or Above the Average  
for All Occupations  
in 4 of 8 Wage Categories



## Top H3 Occupations Nebraska (Statewide)

**Title:** Average Annual Wage; Average Hourly Wage; Education, Work Experience (years), Job Training; Average Annual Openings

**Heavy and Tractor-Trailer Truck Drivers:**

\$43,553; \$20.94, Postsecondary non-degree award, None, Short-term OTJ; 920

**Registered Nurses:**

\$59,199; \$28.47, Associate's degree, None, None; 702

**Carpenters:**

\$35,553; \$17.10, High school diploma or equivalent, None, Apprenticeship; 347

**Accountants and Auditors:**

\$68,265, \$32.82, Bachelor's degree, None, None; 424

**General and Operations Managers**

\$111,762; \$53.74, Bachelor's degree, < 5, None; 341

**Licensed Practical and Licensed Vocational Nurses:**

\$39,872; \$19.17, Postsecondary non-degree award, None, None; 293

**Elementary School Teachers, Except Special Education\*:**

\$50,967; N/A, Bachelor's degree, None, Internship/residency; 311

**Software Developers, Applications:**

\$80,752; \$38.83, Bachelor's degree, None, None; 164

**Secondary School Teachers, Except Special and Career/Technical Education\*:**

\$52,337; N/A, Bachelor's degree, None, Internship/residency; 286

**Industrial Machinery Mechanics:**

\$46,401; \$22.31, High School Diploma/ equivalent, None, Long-Term OJT; 195

\*Annual wages shown when hourly wages not available; annual wages can be converted to an approximate hourly rate by dividing the annual wages by 2,080 hours

Sources: Average wages from Occupational Employment Statistics, 4th Quarter 2015; Education and Job Outlook from 2012-2022 Long-term Occupational Projections



Exploring  
Computer  
Science

## Exploring Computer Science

Leveraging years of research by the *National Science Foundation*, a team from UCLA has developed Exploring Computer Science, a nationally recognized introductory computer science course that includes curriculum, professional development and *assessments built by SRI International*. Code.org offers a program to support version 5 of the ECS curriculum, which is composed of six instructional units with lessons that are designed to promote an inquiry-based approach to teaching and learning foundational concepts in computer science, while building students' computational practices and problem solving skills. The professional learning experience for version 5 of ECS is based on three major pillars: computer science content/concepts, inquiry and equity.

Download the *ECS version 5 curriculum overview* and find other resources at [exploringcs.org](http://exploringcs.org).

Download the *curriculum*



FIND OUT WHAT YOU ARE MADE OF THIS SUMMER!

For middle and high school students, our half-day, week-long sessions will expand your knowledge with hands-on workshops all summer long.

Love music? Our Making Music Inside the Computer will teach you how to make your MP3's and play DJ all week long. Is art more your thing? We have workshops on Photoshop, graphic design and 3D modeling. From IT Innovation to coding, our sessions are taught by professionals and current IS&T students.

No matter what your skill level, we have a workshop for you. Sign up today before spots run out! <https://techademy.unomaha.edu/>

If you have any questions about Techademy, please contact Angela McGraw at [admccgraw@unomaha.edu](mailto:admccgraw@unomaha.edu).

## **Standards Instructional Tool (SIT)**

The NDE Standards Instructional Tool (SIT) is live! Currently, the SIT includes strategies that support the instruction of the newly revised Nebraska English/Language Arts Standards and the Nebraska Social Studies Standards. As the Nebraska Mathematical Standards and Nebraska Science Standards are revised, strategies and resources will be added for those content areas.

Over the past year, we have begun work to enhance the English/Language Arts Standards Instructional Tool (ELA SIT). This tool is an important resource that will help ALL teachers prepare students to meet the rigorous demands of literacy in their future pursuits. A group of Nebraska ELA teachers met and wrote broad teaching strategies to support the Nebraska ELA Standards. The strategies were written for the 9-10 grade band at the indicator level. Following that, content teachers contextualized each strategy for application across all disciplines.

The broad ELA teaching strategies are currently posted on NDE's Standard Instructional Tool website (<http://bit.ly/NDEstandardsTool>). The strategies are grouped by the ELA strands (Reading, Writing, Speaking & Listening, and Multiple Literacies) and further divided by the indicator within each strand. More contextualized strategies will be edited and formatted, and we anticipate those being added to the ELA SIT later this summer. BMIT teachers already have access to contextualized strategies.

Within each resource in the ELA SIT, the step-by-step instructions were written to support a gradual release of responsibility. This framework provides a structured method of teaching where the responsibility for completing a task transitions from the teacher to the student. When teaching these strategies to students, first, explain and model the strategy for students (ME) and then have the class complete the strategy together (WE). Next, put students into pairs to practice the strategy (TWO), and finally, have students work independently to complete the strategy (YOU).

We hope you will bookmark the NDE Standards Instructional Tool for future reference! As additional resources are added, we will be sure to let you know. Our hope is that the SIT becomes an important resource for you as you prepare students to be college and career ready!

If you have questions about the ELA SIT, please contact Cory Epler ([cory.epler@nebraska.gov](mailto:cory.epler@nebraska.gov)), Tricia Parker ([tricia.parker@nebraska.gov](mailto:tricia.parker@nebraska.gov)), or Katie Graham ([katie.graham@nebraska.gov](mailto:katie.graham@nebraska.gov))

# THE NEBRASKA MICROSOFT IT INITIATIVE



2014-2015

VS

2015-2016

## PARTICIPATING SCHOOLS



40

SECONDARY

80



6

POST-SECONDARY

12



## UNIQUE STUDENTS CERTIFIED

789

2,460

## NUMBER OF CERTIFICATIONS

Includes secondary and post-secondary

GRAY = TEACHERS

RED/BLUE = STUDENTS

555

122

1,885

98



WORD

326

68

810

51



POWERPOINT

259

80

613

52



EXCEL

35

28

158

27



ACCESS

**MONA SCHOENROCK**  
PROJECT MANAGER  
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CERTIFICATION DATA: CURRENT AS OF APRIL 30, 2016

## CTSOs in Action



### Nebraska FBLA Recognizes State Award Winners

The Nebraska Future Business Leaders of America (FBLA) recently named students who won state competitive events at the 54th annual State Leadership Conference in Omaha.

More than 2,400 students and advisers from 140 Nebraska schools attended the conference with students competing in more than 70 chapter, team and individual events. Students placing first, second or third in the competitive events qualified to compete at the national conference in Atlanta, Georgia, June 29 -July 2.

Nicole Kent of Dundy County Stratton FBLA received first place in Future Business Leader and was also recognized as Nebraska's Who's Who in FBLA winner.

The newly elected Nebraska FBLA State Officer Team include the following:

- President Ojus Jain of Lincoln East FBLA
- Vice President John Willey of Elmwood-Murdock FBLA
- Secretary Alex Seigel of Bellevue West FBLA
- Treasurer Blake Langmack of Lakeview FBLA
- Reporter Riley Knust of Tri County FBLA
- Parliamentarian Hundter Biede of Hastings Adams Central FBLA

Other highlights from the conference include:

- Dawn Friedrich from Wausa FBLA received the Outstanding Local Chapter Adviser award.
- Blair's Mid America Computer Corporation was recognized as Business of the Year.
- Mrs. Sheri Camp, First Vice President at Morgan Stanley Smith Barney, was recognized as Nebraska FBLA National Businessperson of the Year.

Complete event results can be found on the Nebraska FBLA website at [nebraskafbla.org](http://nebraskafbla.org).

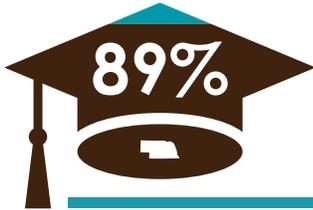
Nebraska FBLA is supported through the Nebraska Center for Student Leadership and Extended Learning at the Nebraska Department of Education.



## NEBRASKA CAREER EDUCATION AT-A-GLANCE • DATA YEAR 2014-2015 SECONDARY

### COMPLETER WITH DIPLOMA

All High School Seniors vs. Concentrators



The Nebraska graduation rate for the 2015 cohort



The Nebraska graduation rate for CTE Concentrators

### CTE STUDENTS

Participants and Concentrators

91,206

Nebraska students Grades 7-12 are CTE Participants

8,963

Nebraska High School Seniors are CTE Concentrators

### AP OR HONORS COURSES Concentrators vs. All High School Seniors



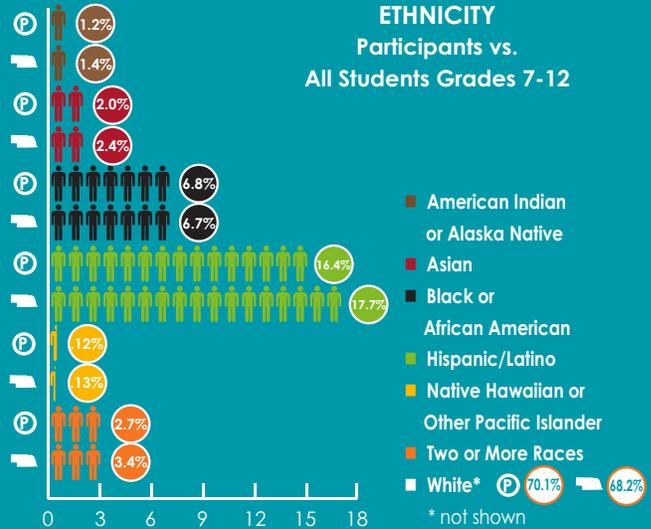
35%  
of CTE Concentrators take AP or Honors Courses

Whereas

28%  
of all High School Seniors take AP or Honors Courses

### ETHNICITY

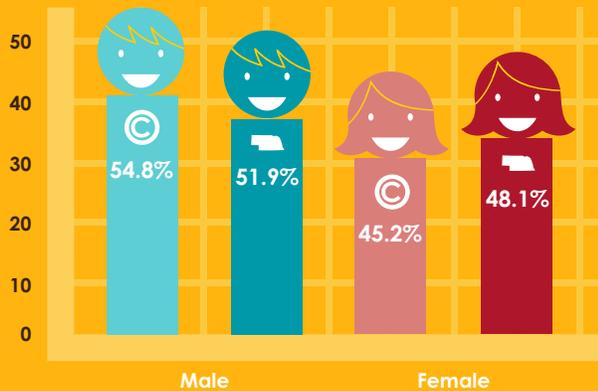
Participants vs. All Students Grades 7-12



The ethnicities of Career Education students nearly reflect the state's overall ethnic makeup.

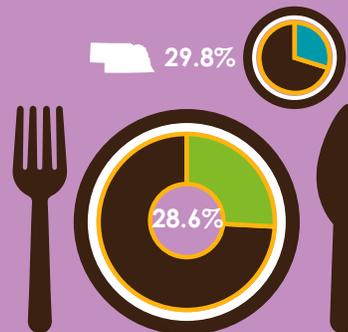
### GENDER

Concentrators vs. All High School Seniors



### FOOD PROGRAM ELIGIBILITY

All High School Seniors vs. Concentrators



All High School Seniors -OR- All Students Grades 7-12



Insights

**P** Participants

A student in grades 7-12 who has earned credit in at least one CTE course during the school year

**C** Concentrators

A student in grades 9-12 who has completed 3 or more semester long courses within a single career cluster or field



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## CALENDARS

**BUSINESS, MARKETING AND INFORMATION TECHNOLOGY**  
[www.education.ne.gov/BMIT/conferences-workshops.html](http://www.education.ne.gov/BMIT/conferences-workshops.html)

**CAREER EDUCATION STANDARDS**  
<http://cestandards.education.ne.gov>

**NEBRASKA DECA**  
[www.education.ne.gov/BMIT/conferences-workshops.html](http://www.education.ne.gov/BMIT/conferences-workshops.html)

**NEBRASKA FBLA**  
<http://cestandards.education.ne.gov>

**NEBRASKA CAREER EDUCATION CALENDAR**  
[www.education.ne.gov/BMIT/conferences-workshops.html](http://www.education.ne.gov/BMIT/conferences-workshops.html)

**NEBRASKA DEPARTMENT OF EDUCATION  
MASTER CALENDAR**  
<http://cestandards.education.ne.gov>

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