Global Learning

Every educator should consider how much the world beyond the classroom, neighborhood, state and country will impact each student. Each of their future endeavors will involve a touch with a perspective different than his or her own and educators can help prepare students to be successful with those experiences. Fostering lifelong learning and globally-conscious students can happen when the educators infuse global ideas into their classroom. From decorating with travel mementos to inviting in guest speakers with diverse backgrounds to utilizing internationalized content, every teacher can have an impact. The IDOE Global Learning and World Languages Specialist has updated the Global Learning webpage with multiple resources.

Learning Connection

Join “IDOE—Global Learning Community”
Announcements with scholarship, fellowship, and project opportunities for teachers in all content areas.

International Education Teacher & Student Exchange

Visit this IDOE webpage for:
- To request a partner school CLICK HERE!
- Information and links to teacher and student exchange programs: Blendspace and Symbaloo

Professional Development

Blendspace:
A blendspace is an online module with presentation materials, videos, links and documents embedded all related to a particular topic.

Symbaloo Webmix:
A Symbaloo webmix is a single webpage that one can bookmark where a series of links can be housed and organized surrounding a particular topic. This one has been curated for you already.

Global Learning Resources

Internationalizing the Indiana Academic Standards (IASI)

A resource has been created for the Indiana Academic Standards including a series of suggestions for infusing global content into the disciplines of English/Language Arts, Mathematics, Science and Social Studies in each grade level or course K-12.

Submission form for suggestions on internationalizing a standard.

February is Black History Month

Edutopia.org highlights many teaching tools for Black History Month. Also, see the Social Studies Teachers’ Toolbox page for more resources from IDOE Social Studies Specialist.

Black History Month Resources for the Classroom: PBS curated a valuable collection of teaching resources, covering a variety of themes and important locations central to African American history in the U.S. The focus is primarily on upper grades -- 6-12 -- and there are lesson plans, videos, and multimedia collections available.

EDSITEment’s Guide to Teaching Black History Month: EDSITEment, produced this useful resource covering black history through many eras. The guide features lessons plans and resources for teaching black history.

African American History Month Resources From the Library of Congress: In addition to lesson plans for teachers, there’s also a cache of primary sources for students to explore, including artwork, baseball cards, political cartoons, and photographs.

African American History Month Collection From TeachingHistory: There is a stockpile of engaging content in this resource from TeachingHistory.

African American History Through the Arts: In this collection from ArtsEdge, students can explore black history through the lens of a variety of artistic disciplines, including music, poetry, and dance.

Smithsonian Education’s Black History Month Teaching Resources: These resources from Smithsonian Education feature various collections, from "The Blues and Langston Hughes" to "Harlem Renaissance: A Reading List." It’s a great place to let your students explore primary sources, and there is something for students of all ages.

Global Lesson Infusion:
“I Have A Dream” lesson idea: http://www.afsusa.org/educators/teachers-toolbox/lesson-plans/i-have-a-dream/
Universal Design for Learning: Providing Access

In previous editions of the Instruction & Access for All section of the Teacher’s Toolbox, the components of UDL were shared along with ideas for implementing UDL in your classroom. Each future edition will continue to build on the UDL Framework and provide examples and resources linking to the various components of the framework. As a reminder, instead of trying to tackle all three areas of the UDL Framework, select one area and plan to incorporate this into your lesson planning gradually and increase implementation of the framework over time. As a review, the three components are identified in the graphic within this section.

This month’s edition features key strategies related to Principle I. Provide Multiple Means of Representation, Guideline 2: Provide options for language, mathematical expressions, and symbols. Resources and strategies for Principle I Guideline 1 can be found in the December 2016 edition of Teacher’s Toolbox.

Resources:

- Learn the basics of UDL and how to apply the UDL framework by completing these two modules: UDL Online Modules
- Teacher Resources for UDL in Practice
- Sign up for a free UDL Newsletter with monthly tips
- UDL Tech Toolkit
- Get an Educator’s Worksheet for the UDL Guidelines (Word): A worksheet listing the UDL principles and checkpoints with space for note-taking.

Perception

Language, expressions, and symbols

Comprehension

Providing alternative representations is a critical evidence based instructional strategy to ensure not only accessibility, but also provides clarity and comprehensibility across all learners.

Teachers can do this using some of the strategies outlined below:
- Pre-teach vocabulary and symbols
- Provide graphic symbols with alternative text descriptions
- Embed support for vocabulary and symbols within the text

[Diagram of UDL Framework]

In the latest release of the Short Share, Curriculum was the featured topic. Within the November 2015, Dear Colleague guidance on the provision of a Free and Appropriate Public Education, many misconceptions about grade level standards and curriculum were shared with staff within IDOE. Some of the key misconceptions have been highlighted below along with ways to provide access.

**Misconception #1: Curriculum and Standards are Synonymous**
Aligning the curriculum to grade level standards does not mean curriculum and standards are synonymous.

**Misconception #2: Students with disabilities are expected to master all grade level standards.**
Although ESSA and the guidance from the November 2015, Dear Colleague letter make it clear that students must be taught grade level content standards, this does not mean we ignore the individual needs of students.

Whether in elementary, middle or high school, the general education curriculum is the appropriate curriculum for all students. The challenge for schools is to incorporate a variety of ways in day to day instruction for students to be able to access it.

To learn more about this topic, check out the latest Short Share.

February 2017

Teachers’ Toolbox
February is observed as "Black History Month" in America. Its precursor, "Negro History Week," was established as Negro History Week in the 1920s by Carter G. Woodson, February was chosen for the celebration because Frederick Douglass and Abraham Lincoln were born in this month. Extended to a month-long celebration in 1976, Black History Month is an opportunity to emphasize the history and achievements of African Americans.

Despite advances in the fight for racial equality (including the landmark 1954 Supreme Court verdict in Brown v. Board of Education and the Montgomery Bus Boycott), segregation was still the norm across the southern United States in 1960. Early that year, a non-violent protest by young African-American students at a segregated Woolworth’s lunch counter in Greensboro, North Carolina, sparked a sit-in movement that soon spread to college towns throughout the region. Though many of the protesters were arrested for trespassing, disorderly conduct or disturbing the peace, their actions made an immediate and lasting impact, forcing Woolworth’s and other establishments to change their segregationist policies.
The Presentational Mode: Speaking

You’re progressing through a unit and you want to assess students’ speaking. You decide on “presentations” for the students. You give them a rubric, you build in class time for students to work on them with their small group and you tell each group when they will present. On presentation day, there are many different reasons why this group can’t present and that the next group isn’t ready. You’ve lived this many times. Me too! Let’s look at the Presentational Mode of Communication a little bit differently in this edition with some great ideas and resources to help!

**Things to remember - Presentational Mode:**

- If it has been rehearsed or planned out, it is presentational and not interpersonal. This includes skits/dialogs created that day in class. Use a format that doesn’t include one student talking while the rest of the class is watching/listening. Consider having students make a video or voice recording using Google Voice, CamStudio or even their iPhones for a quick video. Your students are great at this.
- Ensure that students anticipate who their audience is and utilize the appropriate register. With time for preparation, presentational communication should be more fine-tuned than impromptu speaking tasks. Adjust your proficiency rubric!

**Sample classroom activities - Presentational Speaking**

1. Students present a Public Service Announcement about an issue that is important to them.
2. Students persuade their classmates to go to a specific destination on a trip. In order to constantly engage all students, have some of the travel agents become clients each round. Students present multiple times!
3. Students debate a particular “hot topic”. Students may use notes or prepared information in this mode.
4. Students record/perform a movie trailer to entice their classmates to read a specific book/article.
5. Students dramatize their favorite fairy tale without using character names or props. Then class guesses!
6. Students simulate giving a tour of their home to their new exchange student including the Do’s & Don’ts!
7. Students design their own persuasive campaign to get students to engage in a specific activity.

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**Tech Tool** – Whether you have found some great YouTube videos for your class, infographics, or links to photos on Pinterest, save them in one place on Symbaloo and share it with your students. Never loose a link again!!

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**Save these dates...**

IN-NELL Conference 2017  
Saturday, Feb. 25, 2017 in Indianapolis - "Student Engagement for a Lifetime".  
Early Bird registration by Feb. 13. [www.in-nell.net](http://www.in-nell.net)

CSCFLE Conference 2017  
March 9-11, 2017 in Chicago, IL "Performance + Proficiency = Possibilities"  
[www.csctfl.org](http://www.csctfl.org)

IFLTA Conference 2017  
Nov. 2-4, 2017 in Indy.  
[www.iflta.org](http://www.iflta.org)

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**National Resources**

Let our national organization help guide you with samples in your language. Click [here](http://www.learningconnection.doe.in.gov) to access the webpage. To see the general Can-Do statements that your national leaders crafted for Interpersonal Communication, click [here](http://www.learningconnection.doe.in.gov) (pp. 12-20). For the ACTFL performance descriptors for the Presentational mode of communication click [here](http://www.learningconnection.doe.in.gov).

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**In the News...** ACTFL recently released two position statements. The first is “What is a World Language” and the second is “Supporting the Study of World Languages & Computer Science.” Both are quick & important! Know your profession and advocate!!

Don’t forget to connect with us at [www.learningconnection.doe.in.gov](http://www.learningconnection.doe.in.gov) for IDOE’s World Language & Cultures Community
When introducing students to the need for cyber security, use this map of real-time, global cyber attacks. The map shows attack origins, targets, and types such as smtp, telnet, and many others.

Tech Camp will be July 11-14 from 8:30-5:00 daily and has an entire track dedicated to Computer Science this year. The four-day camp will cover programming, database, informatics, cyber security, and more. Registration is $175 which includes books, materials, PGP units, parking, and snacks. A room block has been established at Candlewood Suites near the IUPUI campus for $107 per night. Click the Tech Camp flyer to access the registration site and all the details.
**Fine Arts**

**Teachers’ Toolbox**

**February 2017**

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**Using the Arts to Synthesize Student Understanding**

Arts integration is more than an afterthought. You can use the arts to both meet your arts standards and deepen academic learning.

Sharanya Sharma’s second-grade class at Two Rivers Public Charter School in Washington, DC, surveyed people at Reagan National Airport to find out what they knew about how airplanes fly. They discovered that most people don’t know how planes stay in the air.

Learn more [here](#)!

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**Stagelight**

Stagelight is the easiest and best way to teach, learn, create, share and play with music on Android and Windows devices.

Stagelight delivers next generation music education with its in-app lessons and virtual classes – built by teachers for teachers. With state approved curriculum, customizable lesson plans, royalty-free sounds and more,

Stagelight delivers a first-class learning experience right to your devices. Make Stagelight your app of choice for music education and get better results with greater ease.

Learn more [here](#)!

Contact David for more info: david@openlabs.com

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**DANCE NEWS**

**BARCELONA DANCE INTERNATIONAL COMPETITION 2017**

**BARCELONA**

From 28 June to 2 July

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**Theater Resources From AATE**

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**Standards Committees are meeting as of Jan. 15. We can’t wait to share our work with you!**

**Reminders**

- On Going: EdTA grants
- Endangered Species Art Contest: 3/1
- Missing Children’s Poster Contest: 2/28
- Junior Duck Stamp Contest: 3/15
- Watercolor Society Scholarship: 4/1

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**Specialist Contact**

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Environmental Literacy Guidelines

The Environmental Education Association of Indiana (EEAI) developed environmental literacy guidelines for Indiana. Environmental literacy is an individual’s understanding of how their actions and decisions affect the environment so they can act on that understanding in a responsible and effective manner. Environmental literacy is the primary and overarching goal of environmental education. It is an experiential life-long learning process that increases awareness about the environment and results in a citizenry empowered to meet their future responsibilities regarding the environment. An environmentally literate citizen has the knowledge, tools, and sensitivity to weigh various sides of environmental issues to make responsible decisions as individuals and as members of their community. To access the guidelines and look at resources available, navigate here.

Have you heard of the Envirothon? Each year, Envirothon provides more and more high school students with a chance to get “up-close and personal” with North America’s natural resources. Envirothon offers both in-class curriculum and hands-on field experiences focused around ecology, natural resource management and current environmental issues. Additional information about Envirothon can be found on the EEAI website or at http://iaswcd.org/events-2/envirothon/

PAEMS Award

The Presidential Awards for Excellence in Math or Science Teaching nominations are now available. Nominate someone today for a chance to receive a trip to Washington D.C. and $10,000!

SAFETY in the Science Laboratory

Check out Dr. Ken Roy @drroysafersci on twitter for safer science tips

Specialist Contact

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On Twitter @JarredCorwin
Follow us on the Learning Connection
Science Educator’s Discussion Group
One of the best ways to get your students to learn, internalize and remember the mathematics you are teaching is to make the math relevant and meaningful to them and their families. This is a perfect time to tie in the mathematics of taxes, budgets and money in general. There is many great resources for teachers and students on the U.S. Department of Treasury web-site. That can be found at: https://www.treasurydirect.gov/indiv/tools/tools_moneymath.htm. This web-site has great lessons about math and taxes, becoming a millionaire, and budgets. This is also a great time for teachers to get the parents involved in their child’s math education. Send a letter home asking parents or guardians to discuss things they are doing with taxes or budgets or just trying to get ahead financially. If you want a more structured approach, a very good and fun activity for your students, is for you to send home a specific set of questions where the student must interview and record the answers given to the questions from their parent(s), guardian(s) or any adult they wish to interview. You can have your students come up with questions about taxes, credit cards, budgets and financing of houses and cars they would like to get answers to from their parents or guardians. Students actually enjoy this if you frame it as you are giving their parent(s), guardian(s) or any adult the wish to interview an assignment and all the students must do is record the answers given to the questions. This is a great way to get the students hearing from adults how they use math at home and in their daily lives.

Another great activity for students is to turn their math problems into sentences or stories. This is basically backwards from giving students word problems and asking them to create mathematical symbols to represent the problems. You are giving the students mathematical pictures and symbols and asking the students to create meaning from what they know and have seen in their lives. You learn a lot about your students when you do this activity. You can put up a simple line graph and ask the students to write a story about it. (http://blog.mrmeyer.com/2007/graphing-stories/ or http://www.projectmaths.ie/workshops/workshop4/UnderstandingGraphs.pdf) You can have students take an equation or expression and turn them into sentences. For example, 5( x + 2 ) = 25 could be “Everyday Monday through Friday on my way to school I stop by the convenience store and buy a breakfast item and a $2.00 cup of coffee and the total cost for the week is $25.00”. (http://www.virtualnerd.com/algebra-1/algebra-foundations/variables-expressions/words-to-math-translation/simple-expression-to-words-translation) The key to both these activities is to turn the mathematics into meaningful situations that students can relate to. Not only do they understand the mathematics being taught much better but they also internalize it and can remember it for a much longer period of time. You will be amazed at how much students can remember when it actually applies to them and they can relate to the mathematics.

Winter Math

PAEMST Award
The Presidential Awards for Excellence in Math and Science Teaching nominations are now available. Nominate someone today for a chance to earn a trip to Washington D.C. and 10,000!

Making the Math Both Relevant and Meaningful

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Teachers’ Toolbox
February 2017

Looking for some fun and engaging winter math problems? Check out the following:
http://www.nea.org/tools/lessons/winter-theme
http://mathwire.com/archives/seasonal
http://www.dadeschools.net/winterbreak/
In November of 2016, What Works Clearinghouse released their Educator Practice Guide for “Teaching Secondary Students to Write Effectively.” The whole guide can be seen here; beware it is a large document! In the document, the WWC provides 3 evidenced based recommendations for helping students in grades 6-12 develop effective writing skills.

**Recommendation 2**

Integrate writing and reading to emphasize key writing features.

Reading **exemplar texts** familiarizes students with important features of writing, which they can then emulate.

The more opportunities for students to write, such as across the curriculum, the more practice they will have with different types of writing.

Writing across curriculum extends beyond benefiting writing itself – writing can improve reading comprehension, critical thinking, and content knowledge.

### How To Carry Out Recommendation 2

#### Teach students that BOTH writers and readers use similar strategies, knowledge and skills to create meaning.

- **Explicitly state connections between reading and writing**
  - As students identify key features of a text structure, help students make the connection that they can now use that knowledge when writing their own text of a similar structure.
  - For example, students identify signal words in a mentor cause/effect structure text; they can then use similar words to illustrate a cause and effect in their own writing.
- **Writers use strategies to infuse meaning, as readers use strategies to decipher meaning of text.**
  - For example, while reading a narrative students may create a visual image using the words the author writes; they can use a similar strategy of using words to describe the mental picture they want their readers to make.
- **Use Cognitive Strategy Sentence Starters to respond to something they read and jumpstart their writing about the text.**
  - See Figure 2.1 on page 34 in the WWC Practice Guide.

#### Use a variety of written exemplars to highlight the key features of texts.

- **Use texts that clearly illustrate specific features of effective writing.**
  - For example: Argumentative Writing may contain:
    - A proposition (major premise)
    - Claims on which the proposition is built
    - Supporting evidence (facts and/or opinions)
    - Well supported generalization (not fallacious reasoning)
- **Use color coding strategy** (see example in January Teachers’ Toolbox Issue) to highlight effective writing strategies in exemplar texts and then in their own writing.
  - For example, in an argumentative exemplar text, have students highlight the claim in yellow and evidence to support the claim in green. Students can then do the same thing in their own writings or the writings of their peers.
- **Help students distinguish between a high-quality example than a less proficient one.**
- **Emphasize that key features of text may vary or be more or less prominent based on the purpose, audience, and form of the writing.**

See more information, including potential obstacles to implementing from WWC about Recommendation 2 on pages 33-42 of Practice Guide

Look for Recommendation 3 next month!
Tech Camp will be July 11-14 from 8:30-5:00 daily and has two tracks this year:

**Comp. Sci. Track:** Hacking Indiana’s High School CompSci Courses (Programming, Database, Informatics, and Cyber Security).

**Bus. App. Track:** Less Talking, More Doing with Technology (Excel, Word/PowerPoint, Access, Publisher/Photoshop). Registration is $175 which includes books, materials, PGP units, parking, and snacks. A room block has been established at Candlewood Suites near the IUPUI campus for $107 per night. Click the Tech Camp flyer above to access the registration site with all the details.

**State Program Leader**

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**1st Makerspace Entrepreneur Kim Brand**

By: Dena Irwin

I had the good fortune of meeting Indiana’s Kim Brand, entrepreneur, and creator of the [1st Makerspace](#) in Indianapolis. Kim is passionate about helping Indiana’s schools and teachers. Kim has collected a plethora of entrepreneurship resources he is offering to share with Indiana’s teachers. Kim’s wiki can be found by clicking on his picture. Explore and learn from a real entrepreneur that cares.

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**February is CTE Month! Spread the Word!**

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**Entrepreneurship Educators’ Conference**
Launch Fishers/Fishers, IN
June 20, 2017
More information coming soon!

**ACTE Region III Conference**
VU Aviation Technology Center
Wyndham Indianapolis West
June 21-23, 2017
Registration Opens in February

**IACTE Annual Conference**
Marriott East, Indianapolis
September 22-23, 2017
Registration will open later this spring.

**IBEA Annual Conference**
Wyndham Indianapolis East
November 17-18, 2017
Registration will open in September.
Happy Engineering Week! Engineering Week (Feb 19-25, 2017) was founded by the National Society of Professional Engineers in 1951 and promotes recognition among parents, teachers and students of the importance of a technical education with a high level of math, science, and technological literacy. This year’s theme is “Engineers Dream Big”. Engineering Week has a goal of motivating youth to pursue engineering careers in order to provide a diverse and vigorous engineering workforce. What can you do during Engineering Week? Consider talking about engineering careers in class, doing an engineering project, or bringing in an engineer as a guest speaker. Remember that talking about careers in CTE goes way beyond one day or lesson, it should be something that is constantly being referenced! Below you will find a variety of resources to use for engineering week and beyond. Credit for resources goes to DiscoverE.

FREE Resources for Engineering Week: ↩️ Poster
Kits
Videos
Career Information
10 Reasons to Love Engineering
Click on each to download or go to DiscoverE website.

“Sweet” Engineering Lessons and Activities for Valentine’s Day

<table>
<thead>
<tr>
<th>Build a Better Candy Bag</th>
<th>In pairs, students design a prototype for a sturdy candy bag that can hold a lot of weight and that is useful and appealing.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Build a Candy Dispenser</td>
<td>Students apply their understanding of simple machines to design and build a prototype candy dispenser out of everyday materials.</td>
</tr>
</tbody>
</table>

The Heart Beats On *Focus on Biomed

| Students test their heart rate by monitoring their pulse after a range of activities and then think of how to track the health of their heart by using their heart rate. |

Introduce a Girl to Engineering Day!

How do you plan to introduce a girl to engineering? Studies from Engineer Your Life and Changing the Conversation have found that girls and women often perceive engineering as difficult, unfamiliar, and only accomplishable by someone who is good at math and science. The study proposed that if we change the way we talk about engineering, we can change what young women think about engineering.

Here are five things to share about engineers and their work:
1. **Curiosity** — Engineers ask a lot of questions that start with: Why? How? What if?
2. **Creativity** — Engineering is a great outlet for the imagination – the perfect field for independent thinkers.
3. **Teamwork** — Engineering takes teamwork, and engineers work with all kinds of people inside and outside the field.
4. **Opportunities** — An engineering degree offers freedom in finding a person’s dream job! It reflects that an individual has been taught ways of analyzing and solving problems and can lead to a variety of other fields.
5. **Helping Others** — In very real and concrete ways, engineers save lives, prevent disease, reduce poverty, and protect our planet.

Click here to download a poster and learn more! *Video/Lesson Resources*
Mark your calendars for the ACTE Region III Conference. That happens June 21-23 2017 at the Wyndham Indianapolis West in Indianapolis. This is a great opportunity to find out what is going on in CTE throughout the state and country and network with fellow instructors. Additional activities include a tour of the Indianapolis Motor Speedway, a tour of the Vincennes University Aviation Technology Center, and a Downtown Indy Adventure. There will also be industry tours and culinary demonstrations. Early Bird Registration runs through May 1, 2017 with a special rate of $190. Accommodations will be at the Wyndham Indianapolis West at a special rate of $99 per night plus tax. Call 317-248-2481 or 877-361-4511 to make reservations. Use the group name Indiana-CTE 2017 to look in the group room rate. For more information contact Patrick Biggerstaff at biggerstafffamily@sbcglobal.net

SME (formerly the Society of Manufacturing Engineers) strongly supports Indiana’s efforts to attract students into high-quality Advanced Manufacturing programs. To attract future generations to the industry and raise awareness of the numerous opportunities it provides, SME is partnering with programs throughout the state to offer free membership to any manufacturing teacher or student interested in the field. Membership is valued at $138 for teachers/adults and $20 for students. Membership with SME provides educators with a host of resources they can use in the classroom as well as a vast network of industry representatives they can draw upon to add relevance to their programs. Students can get real-world knowledge of the trends and processes used in the current advanced manufacturing environment. There are currently more than 600,000 unfilled job openings available in manufacturing. The expectation is that the number of unfilled jobs could grow to 2 million by 2025. For more information on the program contact Natalie Lowell at Nlowell@sme.org or Davis Moore at dmoore@doe.in.gov.

**Professional Organization Offers Free Membership**

**Events**

**Resources**

SkillsUSA has a number of scholarship opportunities available to members. Deadlines are rapidly approaching so be sure to spread the word to your students. Some of the opportunities include The Marsha Davis Memorial Scholarship, a STEM Scholarship, and an Alumni and Friends Merit Scholarship. Visit the SkillsUSA website to find criteria and deadlines for each scholarship. [www.skillsusa.org/membership-resources/scholarships-financial-aid/](http://www.skillsusa.org/membership-resources/scholarships-financial-aid/).
Different Kinds of Exercise Affects Different Parts of Your Brain

Pumping iron to sculpt your biceps. Yoga poses to stretch and relax. Running to whittle your waistline and get fit fast. There are many reasons why it’s smart to exercise, and most of us are familiar with the menu of options and how each can shape and benefit your body. But additional research that is being done is discovering that there are numerous ways in which exercise will make you smart and help with the cognitive decline associated with dementia, Parkinson’s disease and depression. For example, if you want kids to focus for an hour (e.g. on a math test) the best bet is to let them have a quick run around first. That’s according to studies that show a simple 20-minute walk has immediate effects on children’s attention, executive function and achievement in mathematics and reading tests. Letting kids sprint or skip about has the same effect. A brisk walk can also help children with ADHD to focus, although again it’s not yet clear how long the effects last. More information on the research being done on the affects of exercise on our brains can be found in this article.

Healthy People 2020 Midcourse Review Released

Healthy People 2020 is the nation’s health promotion and disease prevention initiative, with overarching goals and specific objectives for improving the health of all Americans. Healthy People 2020 objectives cover 42 topic areas and serve as a national benchmark for improving the Nation’s health. The Healthy People 2020 Midcourse Review provides a snapshot of objective progress toward meeting targets halfway through the 10-year initiative, providing a roadmap for the second half of the decade.

Adolescent Health - 7 adolescent health objectives have met or exceeded 2020 targets
Early and Middle Childhood - 7 of the 10 objectives monitoring school health education standards demonstrated little or no detectable change, while 3 objectives had worsened at midcourse.
Educational and Community-Based Programs (ECBP) - Three objectives monitoring health education offerings and health practices in elementary, middle, and senior high schools had achieved their 2020 targets. Between 2006 and 2014, 17 objectives that covered specific priority areas of school health education worsened. The 10 measurable objectives addressing college and university health education had exceeded their respective 2020 targets.

Dove Self Esteem Project

Cairn Guidance is working with the Dove (Unilever) Self Esteem Program to spread implementation of a free middle school curriculum program developed to help young people develop a positive relationship with the way the look (body confidence).

February is....
• American Health Month
• National Children’s Dental Health Month

Sue Henry | suhenry@doe.in.gov
317-234-0217

6 Techniques for Building Reading Skills—In Any Subject
Students need good reading skills not just in English but in all classes. Here are some ways you can help them develop those skills.
http://edut.to/2jk0GCL

Strategies for Recess in Schools, a new resource provided by the CDC and SHAPE America, provides schools with evidence-based strategies for planning and providing recess in schools.

Tackle Opioid Crisis Through a Nationwide Peer-to-Peer Video Competition
The Operation Prevention Video Challenge invites teens across the country to create a unique 30-60 second public service announcement, aimed to reach other teens about this widespread issue. March 28th deadline. Cash Prizes!
Medical Groups Raise Blood Pressure Rx Threshold for Healthy Adults Over 60

A recent article in MedlinePlus, a NIH publication, reports that the American College of Physicians (ACP) and the American Academy of Family Physicians (AAFP) are recommending a less aggressive target for the treatment of high blood pressure in adults 60 and older who are otherwise healthy. Traditionally, the threshold for high blood pressure has been set at 140 mmHg systolic blood pressure. But the new guideline, says doctors, should now begin treatment when adults 60 and older have persistent systolic blood pressure that's at or above 150 mmHg, to reduce their risk of heart problems, stroke and death. A less aggressive target like this offers a suitable balance of benefits and potential harms for these patients. Any additional benefit from more aggressive treatment is small, the groups say. Doctors specializing in the cardiac care of older patients said the new guidelines may be warranted. "Several recent studies have suggested that tighter control of blood pressure in healthy older adults may produce more harm than good," resulting in events such as too-low blood pressure or fainting, said Dr. Gisele Wolf-Klein, who directs geriatric education at Northwell Health in Great Neck, N.Y. Still, cardiovascular care is never a one-size-fits-all endeavor, and the authors of the new guideline say that aiming for a lower target may still be advisable for some patients. The new Clinical Practice Guideline can be found in the Annals of Internal Medicine.

DWD Releases Newly Enhanced Indiana Career Explorer

The new features include:
• Enhanced responsive design to increase compatibility with mobile devices;
• Incorporated demand data;
• Updated, user-friendly Indiana Grad Plan; and
• Redesign of all content assessments for increased accuracy and better navigation

Indiana Career Explorer is a valuable tool to use with your students to help them explore the world of career possibilities, make decisions about their future, and prepare for the next step in their education and career. Trainings that will cover the features and implementation for the updated 2017 Indiana Career Explorer Career Planning System can be scheduled HERE.

February is National Children's Dental Health Month

What better way to recognize this National Health Observance than by collecting dental care products for those in need. Take a look at “America’s ToothFairy” SmileDrive for information.

6 Techniques for Building Reading Skills—in Any Subject

Students need good reading skills not just in English but in all classes. Here are some ways you can help them develop those skills. http://edut.to/2jk0GCL

February is American Health Month

This day marks the birthday of Dr. Elizabeth Blackwell, the first woman to receive a medical degree in the United States in 1849. Dr. Blackwell initiated the movement that helped women gain entry and equality in the field of medicine.

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National Career and Technical Education Month

Celebrate National CTE Month
February 6-10  Student Achievements
February 13-17 CTE teachers
February 20-24 Industry Partners
Utilize social media to highlight the above groups.
Follow @IamCTEIndiana and use the #IamCTEIndiana when posting.
Check out how Indiana CTE made it happen: Click Here
Also, utilize our Annual Report for more info: Click Here

Presidential Champions!
Presidential Champions, a program of the President’s Council on Fitness, Sports & Nutrition. With the addition of the Presidential Champions program, SuperTracker’s millions of users can now also be recognized with awards. Through SuperTracker, Presidential Champions participants can now sync their Fitbit accounts and easily track their activity without manually entering data to accumulate points.

Interviews in WBL and CTE: We often think about preparing our students for job interviews, but there is great value in having students interview professionals in careers of interest.
1. Pair students with a professional from their career of interest
2. Have students research the professional, plan interview questions, and practice techniques
3. Have students conduct interviews with a professional
4. Ask students to summarize the interview in an article format
Use this resource for more ideas about interviews. Click Here

#FCCLAWeek
February 12-18, 2017
Sign up for the FCCLA Thunderclap which will take place on Friday, February 17, 2017 at 4:30 PM
Click Here for More Info
Family-February 13
Career-February 14
Community-February 15
Leaders-February 16
America-February 17

Spring Family and Consumer Sciences Professional Development Conference
April 20-21, 2017
Ivy Tech Community College Corporate College
Let’s get FCSfit at the FACS Professional Development
Click Here for more information and to register.

FCCLA State Leadership Conference
March 9-11, 2017
It is time to start preparing Information can be found here.

Specialist Contact
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Indiana Natural Resources Teacher Institute

The Indiana Natural Resources Teacher Institute is a multi-day professional development workshop that will bring 18 teachers from across the state to Morgan-Monroe State Forest to see firsthand how forestry works in Indiana. Sessions include tours of public and private forest lands, forest industry facilities, and forestry research in Indiana.

The goal of the institute is to provide Indiana teachers with knowledge, skills and tools to effectively teach their students about forest ecology and forest management practices. The forest environment becomes the basis for integrating the learning of many subject areas, including environmental science, biology, natural resources, and social science. STEM concepts and principles will be incorporated throughout the sessions. The program empowers teachers to foster conceptual learning, critical thinking and decision-making skills in their classrooms. For more Info CLICK HERE!

H2Grow! Is the First Purple Plow Maker Space Challenge!

We need food to survive. But food security is a problem around the world and at home. Get creative as you design a sustainable living environment for aquatic life while growing food in this season’s Purple Plow Challenge!

Challenge information includes facilitator guide, student guide, tips and more.

Landscaping Teacher Tools

Find helpful information in Stihl’s How-To Guides

To help you get the most out of your STIHL equipment, the professionals at STIHL offer a full line of helpful information on a variety of topics. Check out our How-To Guides for landscaping tips, tutorials on equipment maintenance and much more! Click Here!

Purdue Agriculture Recruitment Day

Thursday, March 2, 2017
Indiana FFA Leadership Center

A day dedicated to those considering Agricultural Education as a career choice.

Please RSVP to Amy Conrad, sutton15@purdue.edu by February 17, 2017 to ensure a proper lunch count.

Online Curriculum Resource

AgEdNet.com is offering you an opportunity to view nearly 1,300 classroom-ready lessons, PowerPoints, worksheets, interactive crossword puzzles, teacher’s guides, and daily agriculture news and weekly news quiz.

Your free trial access is good through March 5, 2017. *(case sensitive)

Go to www.agednet.com
1. Click on “Login”
2. Enter the username: indiana
3. Enter the password: AGED17

Free trials are meant to be shared with co-workers and administrators so you can show them how AgEdNet.com could supplement your classroom teaching.

Professional Development

June 25-29 – IAAE Summer Workshop and NAAE Region IV Conference

State Program Leader Contact

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