

SCOTTSBURG



NEW TECH

**WHAT IS NEW TECH?  
IS IT FOR ME?**

# WHAT MAKES IT DIFFERENT?

- **Community Service**
- **Culture Activities**
  - **Lunch, advisory, etc.**
- **Student driven activities**
  - **Videos, Presentations**
  - **Driven by real world problems**



# OTHER DIFFERENCES

- **SWLOCs-**
- Communication
- Professionalism
- Technology literacy
- Collaboration
- Content Knowledge



# How is PBL different than what you may expect?

## Doing Projects vs. Project Based Learning



### Traditional Unit with Culmination Project



### Project Based Learning Unit



**Scottsburg's  
Next**



**STAR**

**AN EXAMPLE PROJECT...**

# DRIVING QUESTION:

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HOW CAN WE AS  
YOUNG FOOD  
EATERS, FOSTER  
AN ENTHUSIASM  
FOR CHOOSING TO  
COOK HEALTHY  
FOOD OPTIONS  
INSTEAD OF  
EATING OFF OF  
THE DOLLAR  
MENU?



# ENTRY EVENT!

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- Students were challenged with the task to come up with a way to encourage healthy eating in Scottsburg at a young age.
- In groups, they came up with ideas for how to solve a major problem in this county and USA...

**OBESITY!**

THIS IS WHAT THE STUDENTS CAME UP WITH!

## Scottsburg Health Food Fair

Students planned a health food fair during advisory to promote healthy eating.

They created a “webisode” of their group taking an unhealthy recipe and making it healthier with alternative ingredients.

The best from each class presented live and provided a “taste test” to students and judges during the health fair.

**The best groups presented for a grand prize!**



WHAT WOULD WE NEED TO KNOW TO  
BE ABLE TO MAKE AN UNHEALTHY  
RECIPE HEALTHIER?

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**KNOWS** What do we know already?

**NEED TO KNOWS**

What do we do next? **NEXT STEPS**

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WHAT WOULD WE NEED TO KNOW TO  
BE ABLE TO PERSUADE STUDENTS TO  
EAT HEALTHIER?

WHAT DO WE DO UNTIL THE FINAL PRESENTATION?

# AN EXAMPLE CALENDAR

PROJECT WEEK ONE				
<ul style="list-style-type: none"> <li>• <b>Food Diary</b></li> <li>• <b>Healthy eating Debate</b></li> <li>• <b>Pros and cons of eating healthy</b></li> <li>• <b>Promote Healthy eating in Scottsburg</b></li> <li>• <b>K-NTK-NS</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Rubric</b></li> <li>• <b>Group Contract</b></li> <li>• <b>Compounds of Life Workshop</b></li> </ul>	<p><b>Compounds of Life Workshop/Worksheet</b></p> <p>Prepare for Lab- Go over instructions— Hypothesis</p>	<p><b>Organic Compound lab</b></p>	<p><b>Organic Compound lab</b></p> <p><b>Lab Report</b></p> <p><b>Quiz Monday</b></p>
PROJECT WEEK TWO				
<p><b>Quiz</b></p> <p><b>Journal on Food Diary</b></p> <p>Where are the macromolecules found?</p>	<p><b>Healthy Eating Workshop</b></p> <p>How can we promote healthy eating habits?</p>	<p><b>Recipe Breakdown Activity</b></p> <p>Journal: As a group- pick a healthy food option for the healthy food fair. Either an alternative or an original.</p>	<p>Written segments for each macromolecule for cooking segment.</p> <p>Chart to fill out.</p> <p>Script for show.</p>	<p><b>Quiz</b></p> <p>Visual for healthy food fair</p> <p>Workshop on imovie/</p> <p>Scriptwriting</p>
PROJECT WEEK THREE				
<p><b>Storyboard and script due</b></p> <p>Work on a visual for your healthy food fair presentation (poster/ keynote)</p> <p><b>Film segments</b></p>	<p><b>Murder and a Meal Lab</b></p> <p><b>Turn in Lab Report</b></p>	<p>Film segments- food deme for 1st half of groups</p> <p><b>Murder and a Meal</b></p>	<p>Film Segments- food demo for second half of groups</p>	<p><b>Final filming</b></p> <p><b>Edit</b></p> <p><b>Practice Presentation</b></p> <p>Best groups present next week during Advisory at the Health food fair</p>
<p><b>Study Guide</b></p> <p>Test tomorrow</p>	<p><b>Present today during Advisory</b></p> <p>Votes to choose which to try based on explanation in video.</p>	<p><b>Test</b></p> <p><b>Reflection</b></p>		

# THIS WAS ALL LEADING UP TO THE **FINAL PRESENTATION**

- OVER THE 4 WEEK SPAN OF TIME THE STUDENTS LEARNED ABOUT THE 4 MAIN BUILDING BLOCKS FOUND IN ALL LIVING THINGS- AND ALL FOOD.
- TOOK UNHEALTHY RECIPES AND MADE THEM HEALTHIER WITH ALTERNATIVE INGREDIENTS BASED ON WHAT THE 4 BUILDING BLOCKS PROVIDE FOR THE BODY.
- GROUPS PRESENTED TO THEIR CLASSES AND THE BEST PRESENTED AT THE HEALTH FOOD FAIR DURING ADVISORY.

HOW IS THIS GRADED?

# AN EXAMPLE RUBRIC

<b>Scottsburg New Tech High School</b> <b>Webisode</b>		STUDENT: _____ DATE: _____
<b>Unsatisfactory</b> <b>(Maximum 6 points)</b>	<b>Proficient</b> <b>(7-9 points)</b>	<b>Advanced</b> <b>(10 points)</b>
The webisode includes a vague description of what a carbohydrate is.	The Webisode includes what a carbohydrate is.	The webisode explains in detail what a carbohydrate is what a carbohydrate does for the body with and without it.
The webisode includes less than 3 examples of what foods would be carbohydrates.	The webisode includes 3 examples of what foods would be carbohydrates.	The webisode includes 3 examples and relates one example to the recipe that is being altered.
The Webisode includes a vague description of what a protein is.	The Webisode includes what a protein is and what a protein does for the body.	The Webisode includes detailed explanation of what a protein is and what a protein does for the body and how it affects the body without it.
The webisode includes less than 3 examples of what foods would be proteins.	The webisode includes 3 examples of what foods would be proteins.	The webisode includes 3 examples and relates one example to the recipe that is being altered.
The Webisode says that fats are lipids.	The Webisode includes what a lipid is and includes what a lipid does to the body.	The Webisode includes what a lipid is, what a lipid does for the body, and why the amount should be limited.
The webisode includes less than 3 examples of what foods would be lipids.	The webisode includes 3 examples of what foods would be lipids.	The webisode includes 3 examples and relates one example to the recipe that is being altered.
The webisode give 1 or no reasons why eating healthy is important for your health.	The webisode give at least 2 reasons why eating healthy is important for your health.	The webisode give at least 3 reasons why eating healthy is important for your health.
The webisode gives 1 or no easy ways to eat healthier.	The webisode gives at least 2 easy ways to eat healthier.	The webisode gives at least 3 easy ways to eat healthier.
The webisode shows an example of an unhealthy food recipe and changes 1 or no ingredients to healthier alternatives.	The webisode shows an example of an unhealthy food recipe and changes 2 ingredients to healthier alternatives.	The webisode shows an example of an unhealthy food recipe and changes 3 or more ingredients to healthier alternatives.

**Knowledge**

**Collaboration**

**Communication**

**Professionalism**

**Technology**

# SOME EXAMPLES



# PBL APPLIES TO THE **REAL WORLD**

- The benefits of knowing what specific foods do for the body
- Presented this information to all of New Tech
- Webisode videos were put up on Youtube
- Biology Content was covered- Macromolecules
- What they did and learned **MATTERED.**- Never have to ask "why am I learning this?"

# NEW TECH MYTHBUSTERS

**MYTH:** We don't write papers.

**FACT:** Every class writes multiple "college readiness assessment" essays per year.

**MYTH:** Your grade is based on group work.

**FACT:** Yes, there are groups, but the individual grades make more of an impact on your overall grade.

**MYTH:** We don't take tests.

**FACT:** Tests and quizzes are used frequently to determine students' understanding of the content.

# NEW TECH MYTHBUSTERS

**MYTH:** You can't be in electives and extracurriculars.

**FACT:** EVERY elective is available to both NT and HSTW.

**MYTH:** Our students are not prepared for college.

**FACT:** Our courses prepare for both group collaboration in college and traditional direct instruction.

**MYTH:** Students can't take AP and Dual credit.

**FACT:** AP and dual credit courses are offered to both programs.



# SCOTTSBURG NEW TECH

- **#1 Most Important - take a look at what kind of learner you are and what style fits you best.**
- Please don't hesitate to call or email if you have any questions.
- (812) 752-8927 Main Office
- (812) 752-8942 NT Office

