



# FORT WAYNE COMMUNITY SCHOOLS

## 21<sup>st</sup> Century High Schools

2009-2013

*"We educate all children  
to high standards."*





# HIGH SCHOOL REINVENT

## **April 2008 – May 2008**

- Finalize project structure and task force
- Complete school improvement and professional development plans

## **May 2008 – August 2008**

- Small group task force
- Professional development for all staff

## **August 2008 – May 2009**

- Student, parent, and community forums
- Periodic updates to Board of School Trustees
- 9th grade initiative in all schools
- Prepare for 21st century high schools

## **May 2009 – August 2009**

- Professional development
- Final preparation for implementation

## **Fall 2009**

- Professional development
- Full implementation of school within a school



# Tentative Board Reports

February 23, 2009  
Curriculum

March 23, 2009  
Professional Development  
Communication Plan

April 27, 2009  
Operational Support



# HIGH SCHOOL REINVENT

*“EVERY STUDENT EVERY DAY”*

# CORE

Programs of Study



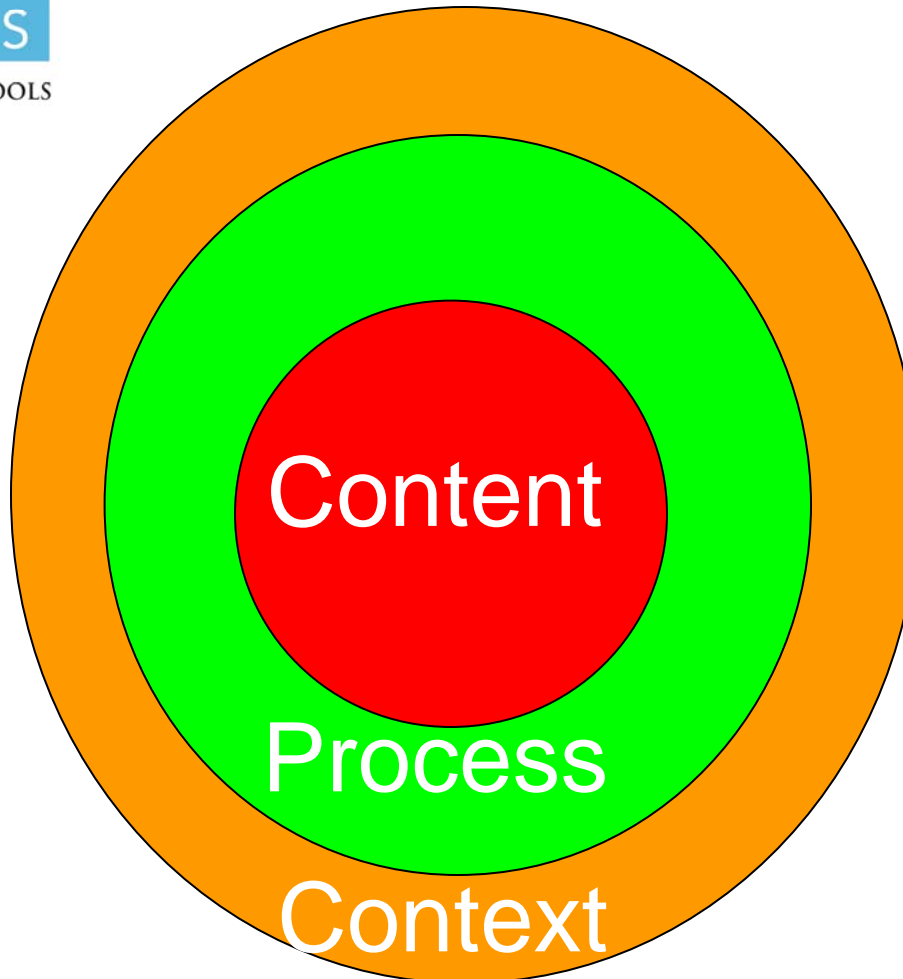
# Purpose of Reinvent

## Profile of FWCS graduate

- **Academic Learning** - Achievement in English, math, science, social studies, and other core requirements such as health and wellness, fine arts, and global awareness
- **Stretch Learning** – Rigorous and relevant learning beyond minimum requirements, within the course work and offerings
- **Learner Engagement** – Motivation to learn through students active participation in the learning process, relationships that support learning, and a sense of belonging and shared responsibility
- **Personal Skill Development** – Service learning, leadership skills, and positive behaviors/attitudes
- **21<sup>st</sup> Century Transferable Skills** – Digital Age Literacy, Inventive Thinking, Effective Communication, High Productivity

- Williard Daggett –

# CORE



“Planning occurs from the center out. Delivery begins from the outside and moves into the center”.

- Deb Estes -

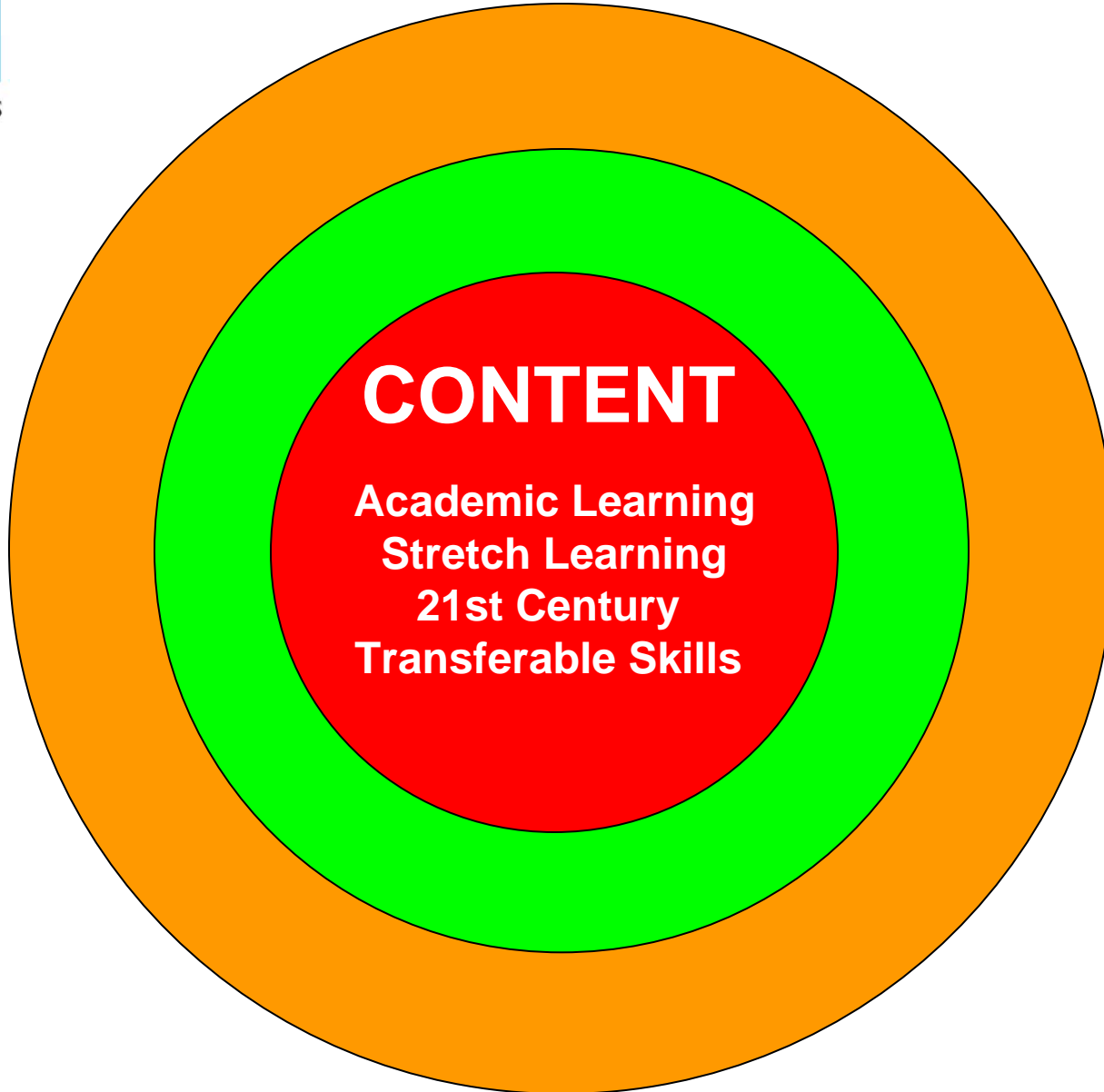
**Content – What every students is expected to know and be able to do**

**Process – Delivery of instruction**

**Context – Environmental and adult supports**



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# CONTENT

Academic Learning  
Stretch Learning  
21st Century  
Transferable Skills



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# FWCS Core Courses

## Core 40 Diploma Began Fall 2006

### **English/Language Arts 8 credits**

Required: English 9, English 10; Choose 4 additional credits: English 11, English 12, AP Lang & Comp, AP Lit & Comp, College English

### **Mathematics 6 credits**

2 credits: Integrated Math I\*

2 credits: Integrated Math II\*

2 credits: Integrated Math III\*

Students must take math or physics in their junior or senior year.

### **Science 6 credits**

2 credits: Biology I

2 credits: Chemistry I or Physics I or Integrated Chemistry – Physics

2 credits: any Core 40 science course

### **Social Studies 6 credits**

2 credits: U.S. History

1 credit: U.S. Government

1 credit: Economics

2 credits: World History/Civilization or Geography/History of the World

**Directed Electives 5 credits** World Languages; Fine Arts; Career/Technical; Careers

**Physical Education 2 credits**

**Health and Wellness 1 credit**

**Electives\* 6 credits** (Career Academic Sequence Recommended)





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## FWCS Core 40 with Academic Honors Diploma

For the **Core 40 with Academic Honors** diploma, students must also:

Earn 2 additional Core 40 math credits, 6 credits in one World Language or 4 credits in 2 different World Languages to total 8, 2 Core 40 fine arts credits, attain a grade of “C” or above in courses that will count toward the diploma, have a grade point average of “B” or above, and complete one of the following:

- Two Advanced Placement courses and corresponding AP exams
- Academic, transferable dual high school/college courses resulting in 6 college credits
- One Advanced Placement course and corresponding AP exam and academic transferable dual high school/college course(s) resulting in 3 college credits
- Score 1200 or higher combined SAT math and verbal
- Score a 26 on composite ACT
- An International Baccalaureate Diploma

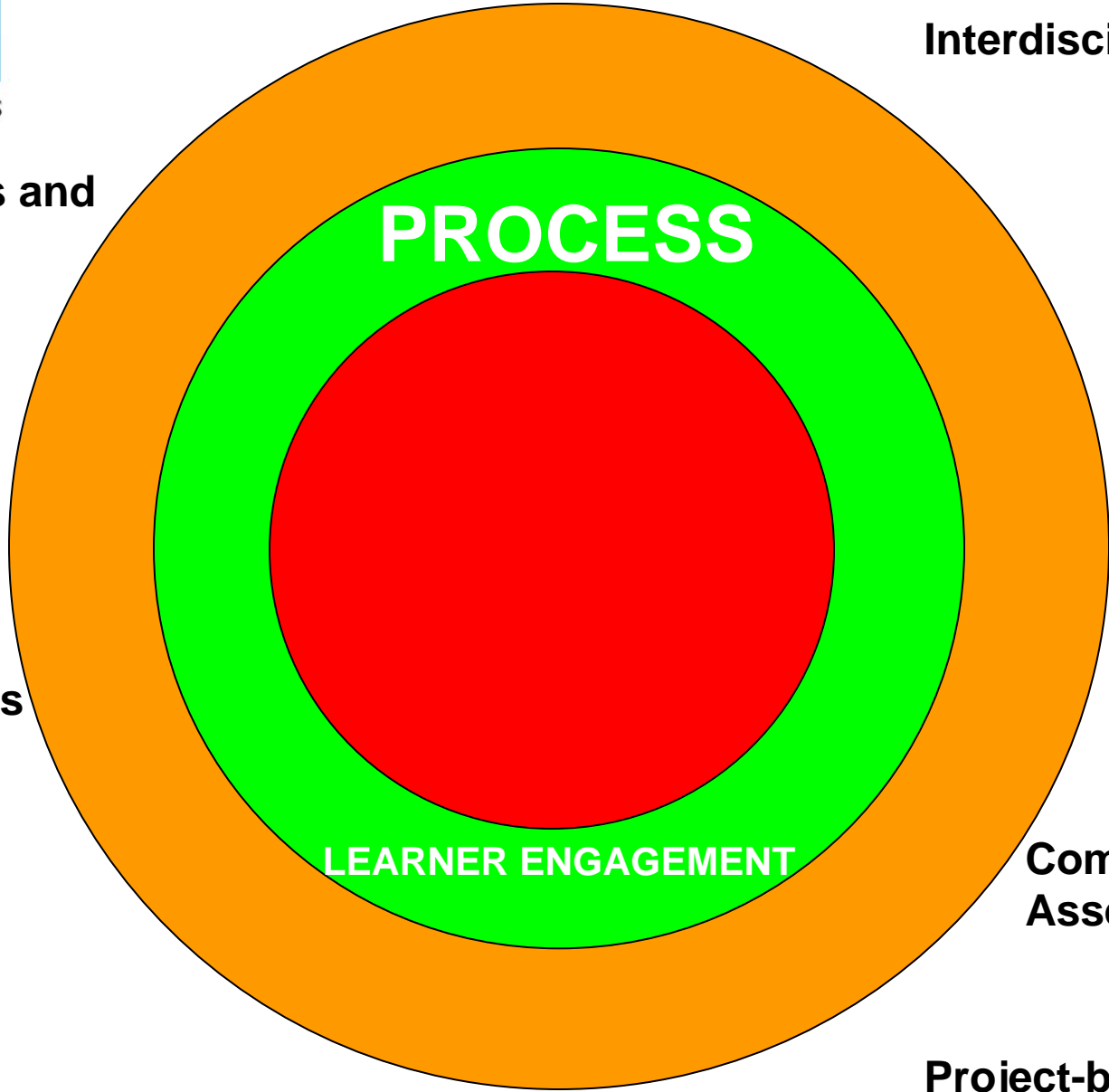
minimum 47 credits



**Mentorships and Internships**

**Timely Interventions**

**Rigor and Relevance Framework**

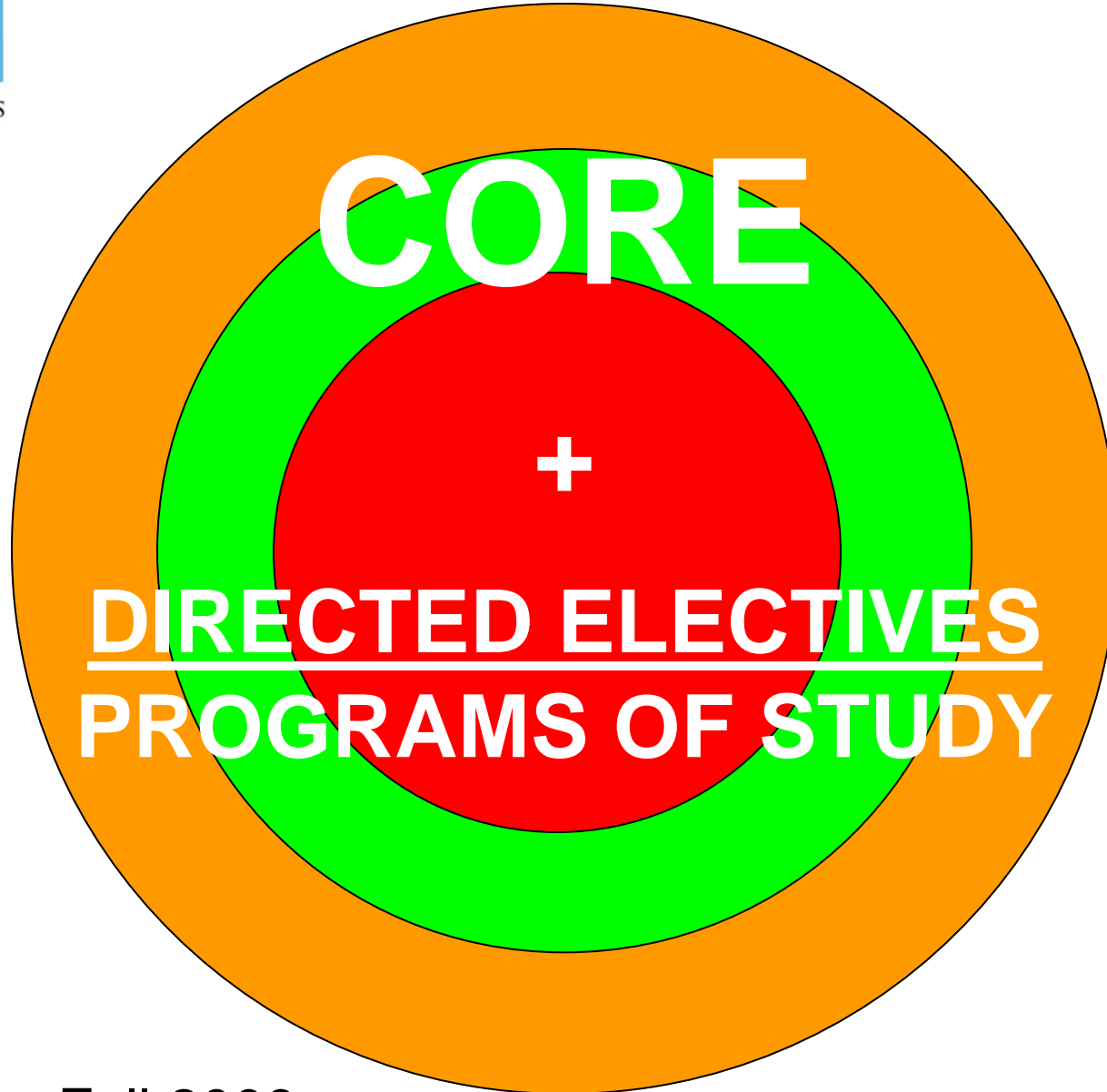


**Interdisciplinary Units**

**Technology and 21<sup>st</sup> Century Skills**

**Common Formative Assessments**

**Project-based Learning**



Beginning Fall 2009



# Northrop Engineering PoS Directed Electives

## Project Lead the Way in Partnership with Purdue

- Freshman Year: Introduction to Engineering Design
- Sophomore Year: Principles of Engineering and/or Digital Electronics
- Junior Year: Civil Engineering & Architecture and Engineering Design & Development
- Senior Year: Biotechnology Engineering and Professional Career Internship



# Snider Biomedical PoS Directed Electives

## Project Lead the Way

- Freshman Year: Principles of the Biomedical Sciences (meets Health requirement) Career Information and Exploration
- Sophomore Year: Human Body Systems
- Junior Year: Medical Interventions
- Senior Year: Science Research & Professional Career Internship in one of the following Career Clusters: Therapeutic Services, Diagnostic Services, Health Informatics, Support Services, Biotechnology Research and Development
  - Social Studies Elective: Current Medical Problems, Issues, and Events
  - Additional Electives: Medical Terminology; Orientation to Life and Careers; Nutrition and Wellness; Advanced Nutrition and Wellness; Current Health Issues: Sports Medicine



# Elmhurst Business PoS Directed Electives

- Freshman Block: Computer Applications, Careers, Business Foundations
- Choose from one of the Sequences:
  - Business Management Sequence: Personal Finance, Business Management, International Business, Business and Personal Law
  - Accounting Sequence: Accounting I, Accounting II, Personal Finance, Business Management
  - Marketing Sequence: Marketing Foundations; Sports, Recreation, and Entertainment Marketing; Marketing Advanced
- Senior Year: Entrepreneurship and Professional Career Internship
  - Additional Recommended Electives: Computer Applications, Advanced; World Languages; Radio/TV Broadcasting/ Telecommunications; College Business Courses



# North Side Global Studies PoS Electives

- Freshman Block: Geography and History of the World
- Sophomore Year: World History Block with English 10
- World Language Options:
  - Freshman Year: 1st year - Chinese, French, or Spanish
  - Sophomore Year : 2nd year - Chinese, French, or Spanish
  - Junior Year: 3rd year - Chinese, French, or Spanish; or
  - IPFW Course 1st year - Arabic, Japanese, Russian, or other non-traditional language
  - Senior Year: 4th year - Chinese, French, Latin, or Spanish; or
  - IPFW Course 2nd year - Arabic, Japanese, Russian, or other non-traditional language
- Global Studies Options:

African Studies, Hispanic Studies, AP Human Geography, Citizenship and Civics, AP Government/We the People, Topics in History, World History, World War II and Holocaust, Media Arts, Environmental Science, and Study Abroad



# South Side International Baccalaureate PoS

<b>English/ Language Arts</b>	<b>8 credits</b>
	Honors English 9, Honors English 10, IB Language A1 Higher Level 1-2, IB Language A1 Higher Level 3-4
<b>Mathematics</b>	<b>8 credits</b>
	2 credits: Honors Integrated Math 1-2
	2 credits: Honors Integrated Math 3-4
	2 credits: Honors Integrated Math 5-6 2 credits: IB Math Studies Standard Level
<b>Science</b>	<b>6-8 credits in one of the following sequences</b>
	IB Biology Sequence: Honors Biology, Honors Chemistry, Biology II, IB Biology HL/SL IB Physics Sequence: Honors Biology, Physics, IB Physics Standard Level
<b>Social Studies</b>	<b>8 credits</b>
	2 credits: Honors World History and Civilization
	2 credits: Honors US History or AP US History
	2 credits: IB History Standard Level
	1 credit: US Government or AP Comparative Government and Politics 1 credit: Economics or AP Economics
<b>World Language</b>	<b>10 credits in one of the following sequences</b>
	<b>World Language:</b> Students will be required to complete 5 years of a World Language culminating in the fifth year with either IB World Language B Spanish HL/SL or IB World Language B French HL/SL
<b>Physical Education</b>	<b>2 credits</b>
<b>Health and Wellness</b>	<b>1 credit</b>
<b>Directed Fine Arts or Electives</b>	<b>4 or more additional credits from one of the following groups</b>
	IB Philosophy Higher Level or Standard Level; IB Visual Arts Higher Level or Standard Level; IB Theatre Arts Higher Level or Standard Level; IB Music Higher Level or Standard Level
<b>Fine Arts</b>	2 Fine Arts Credits are Required for the Core 40 Diploma with Academic Honors (if not taken above)





# Wayne New Tech PoS

- ICAP—Integrated Chemistry, Algebra, Physics  
(Integrated Chemistry/Physics & Integrated Math 1-2)
- GSP—Global Science Perspective  
(Eng. 9, Environmental Science, Geography and History of the World)
- Advisor/Advisee/Guided Study/Remediation/Community Service
- Power Skills (Careers & Computer Applications)
- Health/PE, Journalism
- World Language, Art
- BioLit (English 10 & Biology)
- GeoCad (Integrated Math 3-4 with AutoCAD)
- Graphic Design (Art & Adv. Computer Applications)
- American Studies (English 11 & US History)
- Integrated Math 5-6 & Chemistry
- Political Studies (English 12 & Government & Economics)
- Pre-Calculus & Physics
- Service Learning, Internship, Collegiate Connection



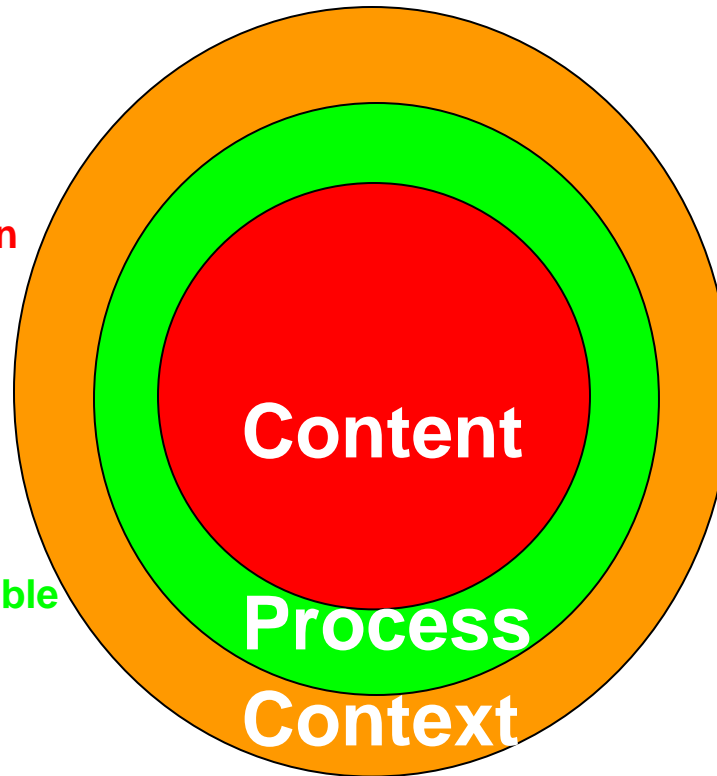
# High School Reinvent

2009-2013

## Students

## Adults

- 21<sup>st</sup> Century/transferable skills
- Increased AP offerings
- Increased dual credit/collegiate connection
- Interdisciplinary units
- Programs of study
- Rigor
- Project based learning
- Alternative education/flexible scheduling
- Timely interventions
- 9th grade initiative
- Increased mentor/internships
- Engagement
- Relevance



- Professional development: project based learning, interdisciplinary teaching, 21<sup>st</sup> century skills, rigor and relevance framework
- Curriculum maps which infuse technology and 21<sup>st</sup> century skills standards
- Collaboration
- Use of formative assessments to guide instruction and re-teaching
- Realignment of counselors
- Relationships
- Engagement



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February 23, 2009

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March 23, 2009

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April 27, 2009

**Context**

Operational Support



# Questions & Answers



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## 2009 FWCS Graduation Practices and Ceremonies

School	Date	Practice Time	Place	Date	Ceremony Time	Place
North Side	Thursday June 4, 2009	11:00 AM- 1:00PM	Arena	Friday June 5, 2009	6:00PM	Arena
Elmhurst	Thursday June 4, 2009	9:00AM- 11:00AM	Expo	Friday June 5, 2009	7:30PM	Expo
South Side	Friday June 5, 2009	10:00AM- 12:00PM	Expo	Saturday June 6, 2009	10:00AM	Expo
Snider	Friday June 5, 2009	9:00AM- 11:00AM	Arena	Saturday June 6, 2009	11:30AM	Arena
Wayne	Friday June 5, 2009	1:00PM- 3:00PM	Expo	Saturday June 6, 2009	2:00PM	Expo
Northrop	Friday June 5, 2009	12:00PM- 2:00PM	Arena	Saturday June 6, 2009	3:30PM	Arena

# ADVANCED PLACEMENT, INTERNATIONAL BACCALAUREATE, AND DUAL CREDIT ENROLLMENT

School Year	Students	Student Increase
2006-2007	2088	
2007-2008	2316	<b>+228</b>
2008-2009	3051	<b>+735</b>

# High School Graduation Rates

	<b>05-06</b>	<b>06-07</b>	<b>07-08</b>
Elmhurst	72.0	68.2	79.0
North Side	70.5	68.1	68.0
Northrop	78.9	82.6	85.6
Snider	83.5	85.1	88.0
South Side	72.7	68.8	70.4
Wayne	69.8	68.0	76.8
FWCS	75.2	75.3	<b>78.9</b>
Indiana	76.1	76.5	<b>77.8</b>