



**2009-2010
State End of Course
Assessments**

**Algebra I
English 10**

Graduation Requirement

Beginning with the class of 2012, all Hoosiers who wish to graduate from high school with a diploma must pass the;

Algebra I ECA

and the

English 10 ECA

Algebra I

Students may take the Algebra I ECA when they finish a full year of Algebra I.

In WCS, this has happened as early as the fifth grade.

Most students take Algebra I in grades 7, 8, or 9.

2009

In the spring of 2009 only 41% of the Algebra I students in the state passed the test.

In Warsaw Schools, 44% of the students passed the test.

2009

316 students in grades 7 through 9 did not pass the test.

266 of those students were freshman at WCHS.



Crisis



This means **285** out of **510** students in the WCHS graduating class **2012** of would **not** be able to receive a diploma upon graduation.

56% of our students did not pass the exam.

Algebra I 2009

Students Passing the ECA

Edgewood: 103 of 169 (61%)

Lakeview: 91 of 106 (86%)

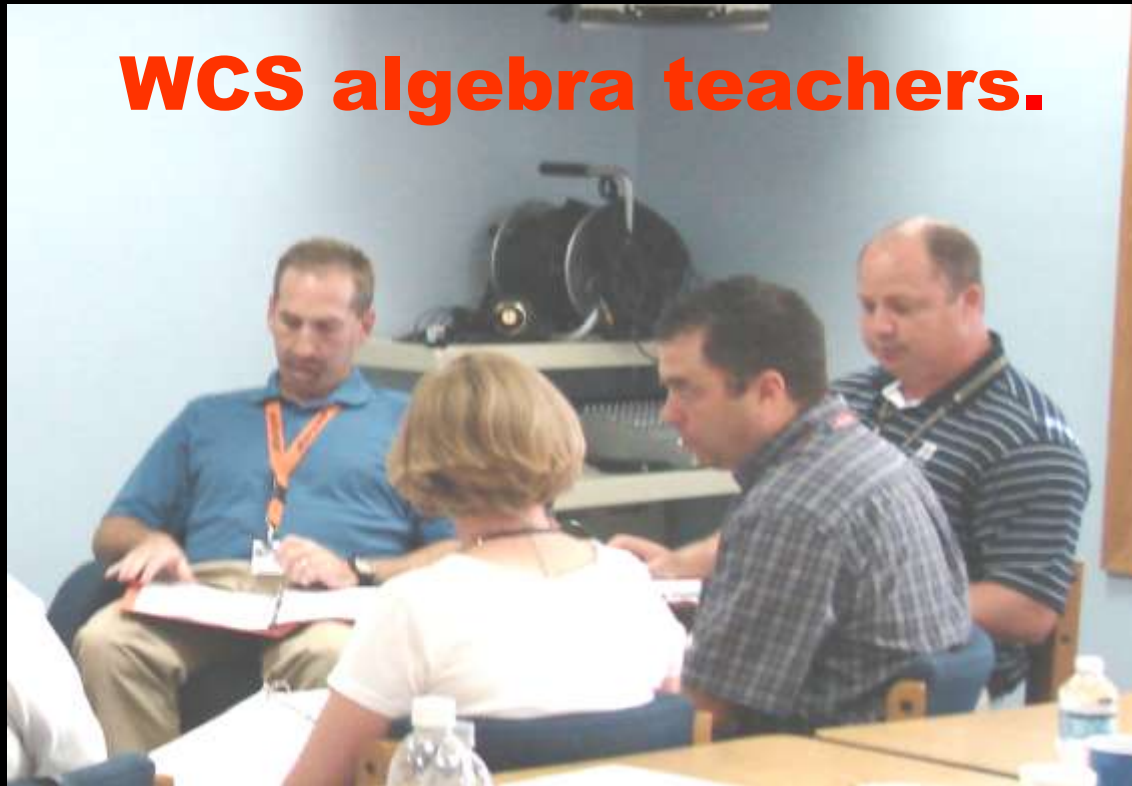
WCHS: 52 of 289 (18%)

Indiana: 39,000 of 97,000 (41%) 41%

The plan involved creating a

Professional Learning Community (PLC)

WCS algebra teachers.



The PLC was set up to:



- ✓ **Meet and collaborate regularly,**
- ✓ **Map the curriculum,**
- ✓ **Create formative assessments,**
- ✓ **Study data from formative, assessments,**
- ✓ **Adjust lessons to address weaknesses,**
- ✓ **Share teaching practices, and**
- ✓ **Learn new teaching strategies.**

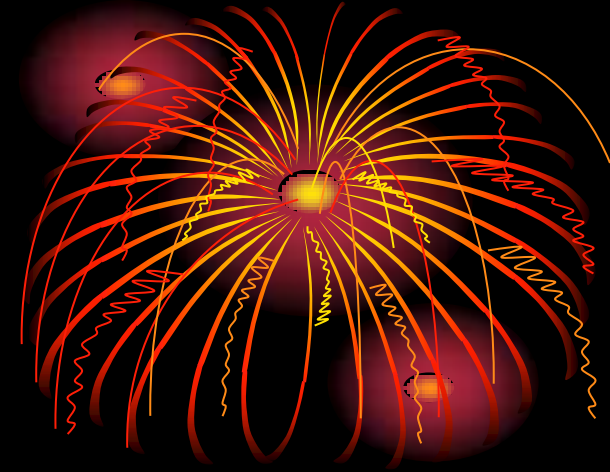


The Results

Time for a celebration.

2010 Results

(First Time Testers)



Edgewood: 174 of 181 (96%) Passed

Lakeview: 94 of 96 (98%) Passed

WCHS: 185 of 337 (55%) Passed

WCS Total: 454 of 614 (74%) Passed

Indiana: 55,000 of 90,000 (61%) Passed

Percentage Increases

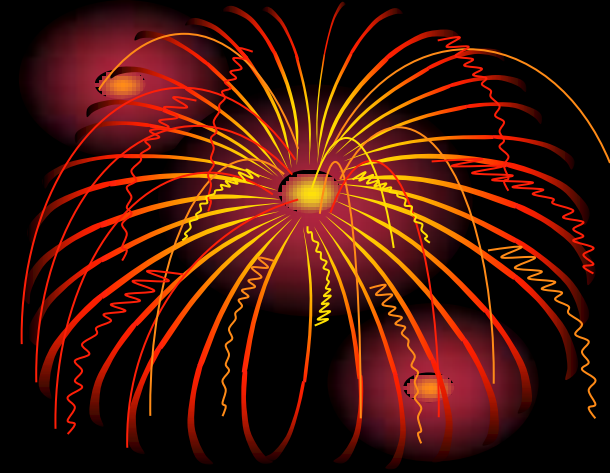
Edgewood:
35%

Lakeview:
12%

WCHS: 38%



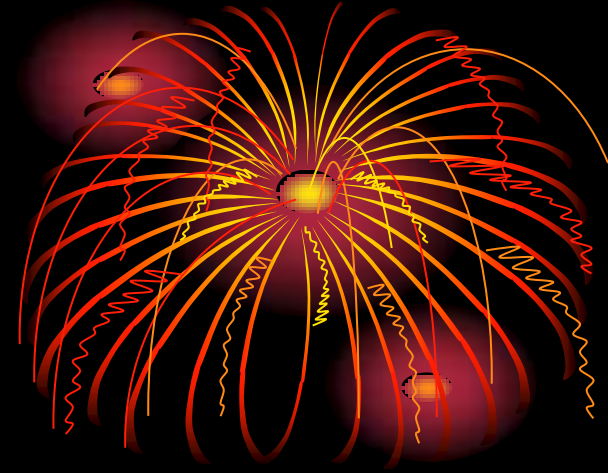
2010 Retest Data



176 of 311 (57%)

**Retesters
passed the
test.**

Retest Data



**Of those students 64% of 160
the students who used ALEKS
software passed the test.**

Improvement



2009: 246 WCS students passed

2010: 629 WCS students passed

That's a difference of 383 more students passing the test.





**2009: 44% of WCS Students
Passed the Test on the first try.**

**2010: 74% of WCS Students
Passed the Test on the first try.**

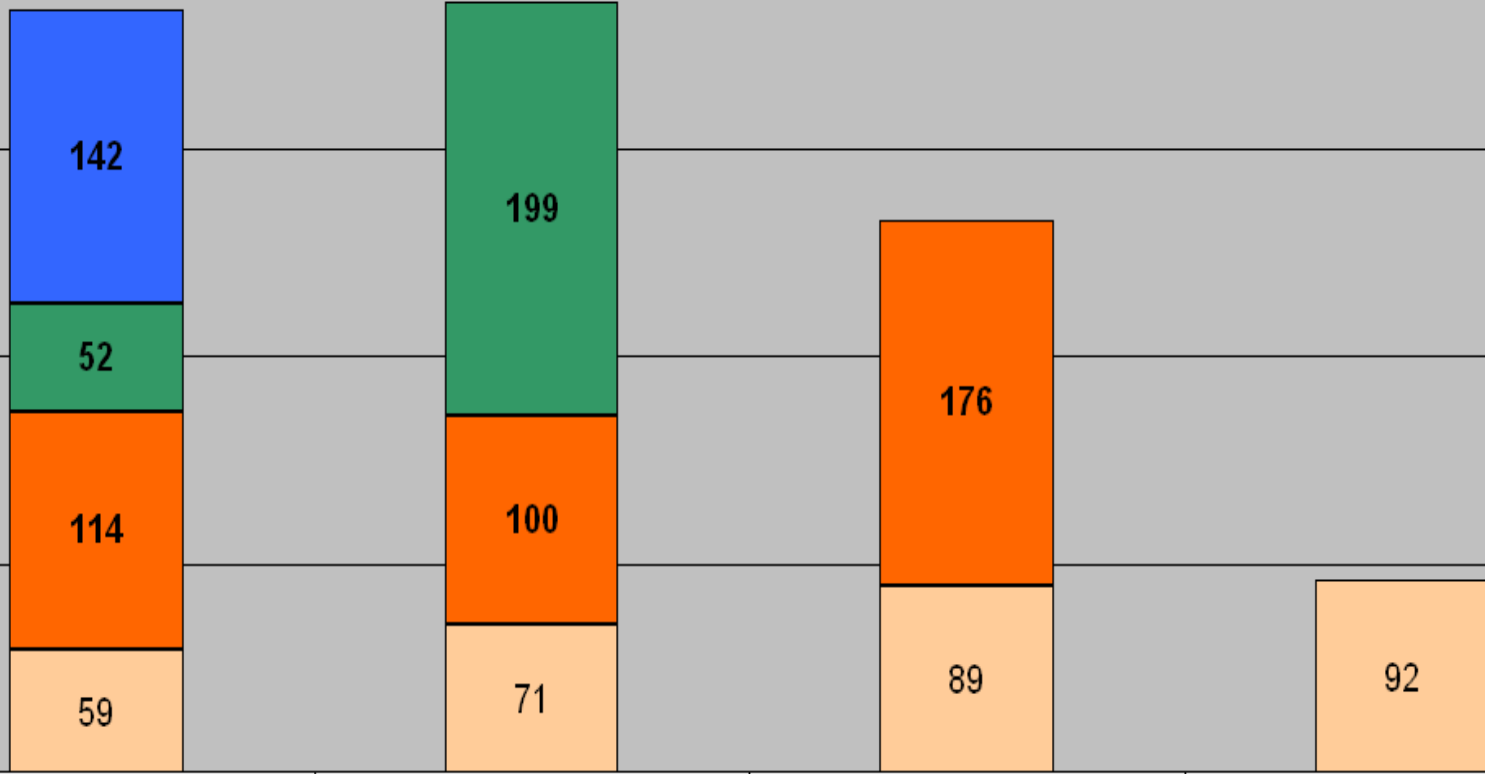
30% more passed the exam.

Passing ECA by Class

Grade 6 & 7 Grade 8 Grade 9 Grade 10



500
400
300
200
100
0



2012

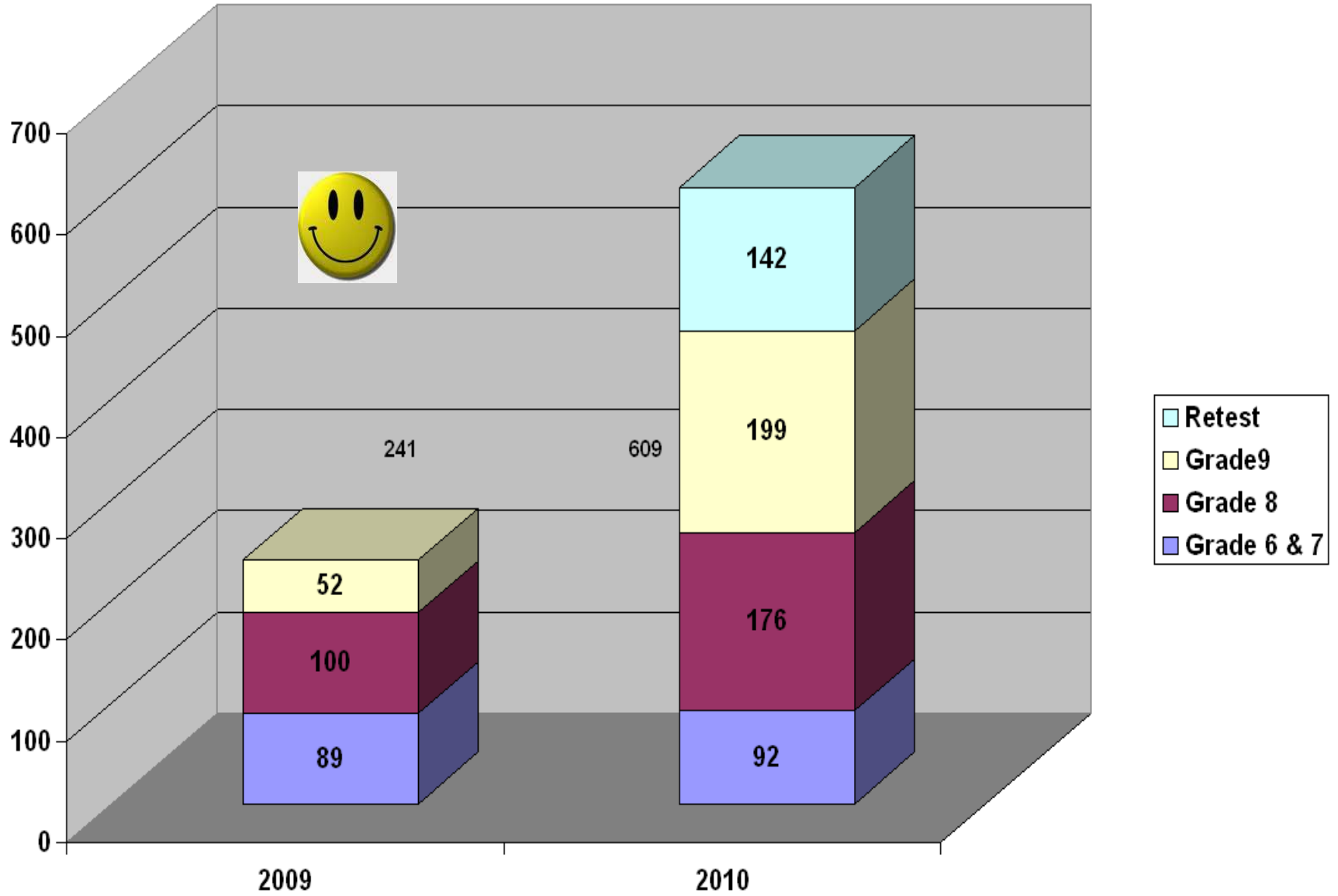
2013

2014

2015

Class

Number of Students Passing ECA by Year



In Summary

- ✓ **After planning and implementing strategies to improve test scores,**
- ✓ **WCS improved algebra scores by 30%,**
- ✓ **and increased the number of students passing from 241 to 609 students.**



