

Public Law 221 Proposed New Metrics

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# A – F Accountability

Transparency  
&  
Student Success



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Please type in questions in the “**chat box**” during the WebEx.

This WebEx is being taped and will be made available after the presentation.

If you have additional questions after the WebEx please email those to [schoolaccountability@doe.in.gov](mailto:schoolaccountability@doe.in.gov)



# Indiana's Mission

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**The academic achievement and career preparation of all Indiana students will be the best in the United States and on par with the most competitive countries in the world.**



The information in this presentation reflects the proposed rule approved by the Indiana State Board of Education on 11.7.11 and is subject to change until final approval.



# Which Schools are Assessed?

- Public schools (Traditional & Charter)
- Accredited non-public schools
- Schools that participate in the voucher program



# Two New Models\*

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- Elementary & Middle Schools  
– *Performance & Growth*
- High Schools  
– *Performance & Improvement*

\*Summary of **proposed rule** approved by the Indiana State Board of Education on 11.7.11, and is subject to change



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# Key Changes from Old to New

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- Simplifies designations awarded to schools
- Students enrolled 162 days instead of 126
- Incorporates **Indiana Growth Model** into accountability
  - **Focuses on closing achievement gaps**
  - **Focuses on all students, not just the “bubble kids”**
- Recognizes 4- and 5-year Graduation Rates
- Includes **College & Career Readiness**



# A-F

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## **BASES and BONUSES\***

- For each model the *preliminary* grade is **BASED** on student **PERFORMANCE**

\*For each model the *preliminary* grade may go up or down due to student **GROWTH** or **IMPROVEMENT** and **PARTICIPATION**





# A-F

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The BASES are aligned with the state goals:

**90 – 25 – 90**



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# Indiana's Three Goals

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- 90 percent of students pass math and E/LA ISTEP+
- 25 percent of grads pass an AP or IB exam or earn college credits during high school
- 90 percent of students graduate with a diploma



Indiana's Education Scoreboard



# Elementary & Middle School Model

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- **Performance on ISTEP+, IMAST, & ISTAR (90)**

90.0 – 100.0%	4.00 points
85.0 – 89.9%	3.50 points
80.0 – 84.9%	3.00 points
75.0 – 79.9%	2.50 points
70.0 – 74.9%	2.00 points
65.0 – 69.9%	1.50 points
60.0 – 64.9%	1.00 points
0.00 – 59.9%	0.00 points



# Elementary & Middle School Model

- **Improvement on ISTEP+, IMAST, & ISTAR (90)**

Absolute improvement is annually recognized because the proficiency scale has five point increments for scores.

When a school's total proficiency rises between 0.1 – 5.0% then their overall score increases.



# Elementary & Middle School Model

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- **Improvement on ISTEP+, IMAST, & ISTAR (90)**

For example:

In **2011**, Smith Middle School had an overall proficiency rate of **78.4** which scores **2.50** points

In **2012**, Smith Middle School earns an overall proficiency rate of **80.0** (**1.6% improvement**) which scores **3.00** points

80.0 – 84.9%      3.00 points

75.0 – 79.9%      2.50 points



# Elementary & Middle School Model

- **Growth** on ISTEP+
  - Potential bonuses for **High Growth**
  - Potential penalty for **Low Growth**





# Elementary & Middle School Model

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There are **four** opportunities for the **High Growth** bonus across the two subgroups:

	<u>Criteria</u>
1) Bottom 25% on E/LA	(42.5%)
2) Bottom 25% on math	(44.9%)
3) Top 75% on E/LA	(36.2%)
4) Top 75% on math	(39.2%)



# Elementary & Middle School Model

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There are two circumstances for the **Low Growth** deduction:

	<u>Criteria</u>
1) Overall group on E/LA	(39.8%)
2) Overall group on math	(42.4%)





# Elementary & Middle School Model

**The Indiana Growth Model places students in one of three growth categories**

**High**

at or above 66<sup>th</sup> percentile

**Typical**

at or between the 35<sup>th</sup> and 65<sup>th</sup> percentile

**Low**

up to and including 34<sup>th</sup> percentile



# Elementary & Middle School Model

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## *Summary Impact of Growth*

The preliminary grade based on proficiency and absolute improvement may be **raised** based on **HIGH** academic **growth on E/LA and/or math** for students who performed in the bottom 25% on ISTEP+.



The preliminary grade based on proficiency and absolute improvement may be **raised** based on **HIGH** academic **growth on E/LA and/or math** for students who performed in the top 75% on ISTEP+.



The preliminary grade based on proficiency and absolute improvement may be **lowered** due to **LOW** academic **growth on E/LA and/or math** of 100% of students for performance on ISTEP+.



# Elementary & Middle School Model

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## *Impact of Participation*

The preliminary grade may also be **lowered** if less than 95% of students in any of the subgroups **participate** in the ISTEP+, IMAST, or ISTAR exams. The possible deduction may occur in both E/LA and math assessments.



# Elementary & Middle School Model

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## *Calculating Grades*

- Separate grades (points) are determined for English/Language Arts and Math
- A **final grade** is determined by averaging the English/Language Arts and Math grades (points)



# Elementary & Middle School Model

Convert the averaged E/LA and math grades (points) to a **FINAL** letter grade for a school, using the following scale:

3.51 - 4.00 points = A

3.00 - 3.50 points = B

2.00 - 2.99 points = C

1.00 - 1.99 points = D

0.00 - 0.99 points = F



# High School Model

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- Schools assessed in four weighted areas:
  - English 10 ECA (30%)
  - Algebra I ECA (30%)
  - Graduation Rate (30%)
  - College & Career Readiness (10%)



# High School Model

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- English 10 and Algebra I ECAs (90)

- Performance

(base)

90.0 – 100.0%	4.00 points
85.0 – 89.9%	3.50 points
80.0 – 84.9%	3.00 points
75.0 – 79.9%	2.50 points
70.0 – 74.9%	2.00 points
65.0 – 69.9%	1.50 points
60.0 – 64.9%	1.00 points
0.00 – 59.9%	0.00 points



# High School Model

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- English 10 and Algebra I ECAs

**Improvement**

*(bonus)*

- 8<sup>th</sup> grade to 10<sup>th</sup> grade



- 10<sup>th</sup> grade to graduation





# High School Model

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## Improvement

*(bonus)*

- 8<sup>th</sup> grade to 10<sup>th</sup> grade
  - E/LA possible bonus Criteria (10.3%)
  - Math possible bonus (17.1%)
- 10<sup>th</sup> grade to graduation
  - E/LA possible bonus (59.3%)
  - Math possible bonus (62.8%)



# High School Model

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## Improvement

- 8<sup>th</sup> grade to 10<sup>th</sup> grade Criteria
  - E/LA possible deduction (-0.1%)
  - Math possible deduction (-0.1%)



# High School Model

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- College & Career Readiness (25)
  - Pass an AP exam (base)
  - Pass an IB exam (base)
  - Earn College Credits (3) (base)
  - Earn an Industry Certification (base)



# High School Model

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- College & Career Readiness

*(base)*

25.0 - 100%	=	4.00 points
18.4 - 24.9%	=	3.00 points
11.7 - 18.3%	=	2.00 points
05.0 - 11.6%	=	1.00 points
00.0 - 04.9%	=	0.00 points



# High School Model

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- Graduation Rate (90)

4-year rate

(base)

90.0 – 100.0%	4.00 points
85.0 – 89.9%	3.50 points
80.0 – 84.9%	3.00 points
75.0 – 79.9%	2.50 points
70.0 – 74.9%	2.00 points
65.0 – 69.9%	1.50 points
60.0 – 64.9%	1.00 points
0.00 – 59.9%	0.00 points



# High School Model

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- Graduation Rate

## Improvement

(bonus)\*

- Diploma type\*



- 5-year rate\*



\*These components of the model begin in 2014-15



# High School Model

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## *Calculating Grades*

- *Weighted* grades (points) are determined for:
  - English 10 ECA **Score x 30%**
  - Algebra I ECA **Score x 30%**
  - Graduation Rate **Score x 30%**
  - College and Career Readiness **Score x 10%**
- A **final grade** is determined by adding the four grades (points) together



# High School Model

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Convert the combined grades (points) of the Eng. 10 ECA, math ECA, Grad Rate, & CCR to a **FINAL** letter grade for a school, using the following scale:

3.51 - 4.00 points = A

3.00 - 3.50 points = B

2.00 - 2.99 points = C

1.00 - 1.99 points = D

0.00 - 0.99 points = F





# Combined Schools & Corporation Grades

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- Schools that serve grades that encompass both models will receive one **FINAL** grade by adding the two scores from both models together after multiplying those scores by the enrollment percentages weighted accordingly.
- Corporations are treated as a single large school. They will receive one **FINAL** grade using the same methodology outlined above.



# Additional Questions?

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