

Update on Changes to Come

# Refining our Approach



## Math Placement Test Revision

- Original Test:
  - Focus on ability to recall or replicate discrete skills
  - All students
- Revised Test:
  - Focus on logic and reasoning skills
  - “opt -in”
  - Very difficult!

Are we capturing all students who might be successful?

# Time of Transition



- Spring 2018
    - Placement test for grade 6 into Compacted Grade 7
    - Placement test for grade 5 into Accelerated Grade 6
  - Spring 2019
    - Placement test for Grade 5 into Accelerated Grade 6
    - Recommendation for Grade 6 into Compacted Grade 7
  - New resources to support transition to enter the FY20 Budget Plan
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# New Math Placement Test

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**Five Sections:** 15 minutes per section, given in same order

1. Quantitative Reasoning
  2. Number Sense & Equation Building
  3. Spatial Reasoning
  4. Problem Solving
  5. Reasoning with Venn Diagrams
- Intended to test “math ability” rather than prior exposure to specific content
  - Minimum required score determines entry rather than a percent of the class

# New Math Placement Test

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## Quantitative Reasoning

- Select the option that makes this statement true

$$5 + 10 = \boxed{?} \times 3$$

<input type="text" value="12"/>	<input type="text" value="3"/>	<input type="text" value="7"/>	<input type="text" value="9"/>	<input type="text" value="5"/>
A	B	C	D	E

# New Math Placement Test

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## Number Sense & Equation Building

- Select the fraction that comes next.

$6/3$  |  $5/4$  |  $4/5$  |  $3/6$  |  $2/7$  | ?

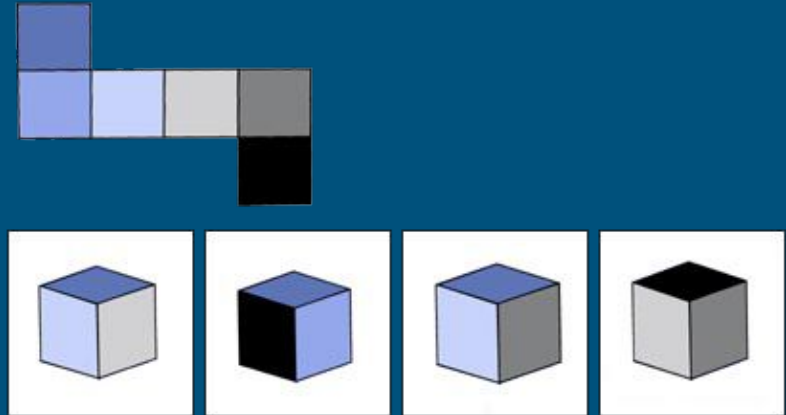
<input type="radio"/>	$1/2$
<input type="radio"/>	$1/3$
<input type="radio"/>	$3/9$
<input checked="" type="radio"/>	$1/8$

# New Math Placement Test

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## Spatial Reasoning

- If the paper on top is folded into a cube, which cube would it form?



# New Math Placement Test

## Reasoning with Venn Diagrams

- Select the best response

Numbers divisible by 3

Product of 2 single-digit numbers

Odd numbers

A

B

C

D

46) In which region would you find the number 15?

A) A

B) B

C) C

D) D

E) None of the above



# Continue Conversations...

- Revise and reinvent “*Compacted Grade 7 Math*”
- Revise and refine Algebra 1 in consult with Algebra 2 team
- Continue to reflect and refine

We do not learn from  
experience... we learn  
from reflecting on  
experience.

- John Dewey

# More to Develop...

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- Finalize Grade 6 Accelerated Math Curriculum
- Purchase resources for new course
- Draft curriculum for additional options for HBMS students
- Refine summer offerings
- Share with Grade 6 Parent Night and Boards
- Make the Math Placement Page live
  - FAQ's
  - Flow chart
  - "Opt-in" permission slip





The key is continuing the conversation based on data to support student needs.

