## Science and Social Studies Update PAST, PRESENT, AND FUTURE 2016 DAS FALL COnferences PROMOTE TO SERVICE STREET OF THE PAST OF THE PAST

Presenters			
Science	Social Studies		
Tamara Smolek  MDE – Education Consultant  Office of Standards and  Assessment  Phone: 517-241-2525	Scott Koenig  MDE - Education Consultant  Office of Standards and  Assessment  Phone: 517-373-1931		

# Test Development STEP 1: Local Education Expert Item Writing Committees STEP 2: Local Education Expert Bias/Content Review Committees STEP 3: Field testing STEP 4: Data Review Committees – BSC and CAC STEP 5: Operational STEP 6: Local Education Expert Standard Setting (Only done with new tests) Our assessment is developed by Michigan educators for Michigan classrooms.

## Be Part of Our Team!

Use the information to the right to become a writer, reviewer, or panelist in our test development process.

### Application URL:

http://www.cvent.com/Surveys/Questions/IDConfirm.aspx?s=06002a4e-c578-417d-807f-542787fad180

or

www.michigan.gov/baa → Scroll to bottom of page → click Assessment Committee Participation Application

### Science and Social Studies Pre-2015

### Science

### • MME

- MEAP
- Measured science standards 2007 adoption
- Test item type included multiple choice (MC) items

### **Social Studies**

- MME
- MEAP
- Measured social studies standards - 2008 adoption
- Test item type included multiple choice (MC) items

### Science and Social Studies 2014 - 2015

### 0

### Social Studies

M-STEP

Science

- Measures student understanding of current (2007 adoption) science content standards
- MC items only on assessment
- Next Generation Science Standards (NGSS) update for content standards waiting for board review
- M-STEP
- Measures student understanding of current (2008 adoption) social studies content standards
- MC items only on assessment
- College, Career, and Civic Life Framework (C3) update for content standards waiting for board review

### Science and Social Studies 2015 - 2016



### Science

### Social Studies

- Continue development for M-STEP
- Measures CURRENT science standards
- Major focus on writing technologically-enhanced (TE) items and added stimulus for MC items for online test
- Continue development for M-STEP
- Measures CURRENT social studies standards
- Major focus on writing technologically-enhanced (TE) items and added stimulus for MC items for online test

## **Engaging Online Assessment**



HOT TEXT HOT SPOT MATCH

DRAG AND DROPS (TEXT AND GRAPHIC)

CHOICE DROP DOWN ORDER

## **-**(3)—

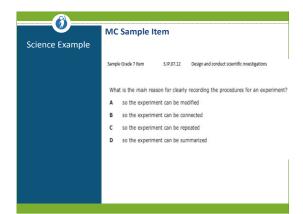
### MC Sample Item

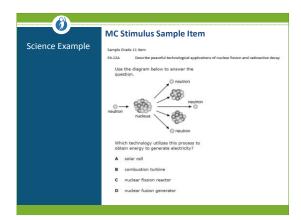
Science Example

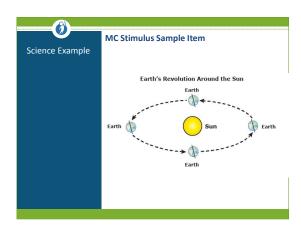
Sample Grade 4 Item P.EN.03.32 Distinguish the effect of fast or slow vibrations as pitch

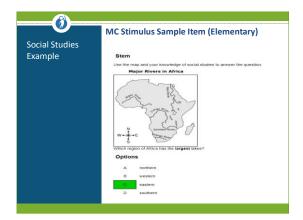
Vibrations from a thick rubber band make a low-pitched sound. The vibrations from a thin rubber band make a high-pitched sound. This is  $most\ likely$  because the thin rubber band

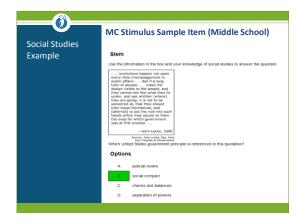
- A moves faster.
- B moves slower.
- C is shorter.
- D is longer.

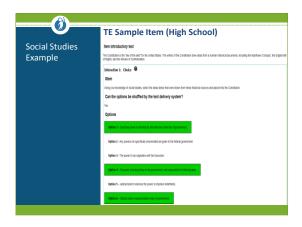


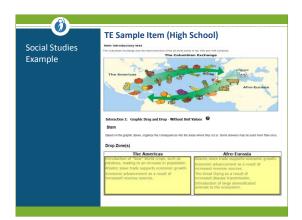












## M-STEP Online

0

80% of Schools - Online

83% of Student Population Tested Online

3.8 million Test Sessions

190,731 Sessions in a Single Day

97% Participation Rate Overall

## M-STEP sample items - www.michigan.gov/baa Michigan Department of Education Will compare the state of the s







### Science Specific Resources



http://www.michigan.gov/documents/mde/Final NGSS-MI-Content Comparison Study 473973 7.pdf?20150806105329



### Science Specific Resources



http://www.michigan.gov/documents/mde/Michigan\_Science\_Standards\_Presentation\_488330\_7.pdf?20150806105329



### Science Specific Resources

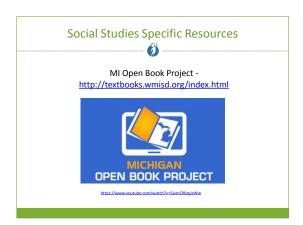


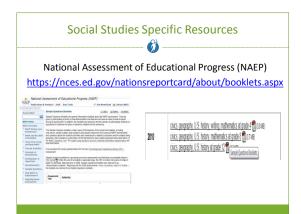
http://www.michigan.gov/documents/mde/Teacher Prep and PL for Science SBE Oct2014 488329 7.pdf?20150806105329















	Thank you!		
0) 00) 5 040 5411			
2015 DAS FALL Conferences for Assessment and Accountability		MICHIGAN Education	