

EEA 2012 Middle School STEM Description of Resources

EEA 2012	Purpose	Related Resources
MS STEM Day 1	Participants will: <ul style="list-style-type: none"> • Develop an understanding of how to use the STEM Standards of Practice Framework. • Analyze the STEM Standards of Practice Framework Instructional Guide Grades 6-8. 	Middle School STEM Day 1 PM PowerPoint Participant Capture Sheet STEM Speed Networking Cards Middle School STEM Framework Feedback STEM Column Graphics
MS STEM Day 2	Participants will: <ul style="list-style-type: none"> • Develop an understanding of key attributes of a STEM learning environment. • Analyze STEM-centric unit and lesson components. • Examine STEM resources on the curriculum management system. 	Middle School STEM Day 2 PowerPoint Middle School STEM IMS - One Point Lesson Middle School Bingo Cards Attributes of a Middle School STEM Centric Learning Environment U-S-T-E-M Template Middle School STEM Unit Template STEM_Fall_2011_Webinar PowerPoint STEM_Spring_2012_Webinar Recommended Strategy for Infusing STEM Practices STEM Column Graphics
MS STEM Day 3	Participants will: <ul style="list-style-type: none"> • Develop an understanding of the Core Beliefs of STEM Education in Maryland. • Understand how the “E” in STEM could be incorporated in classroom instruction. • Practice using the engineering design process as a model for including the “E” in STEM. 	Middle School STEM Day 3 PowerPoint Interview Questions STEM Column Graphics
MS STEM Principal Alike	Participants will: <ul style="list-style-type: none"> • Develop an understanding of a systems approach to STEM education in middle school. • Receive resources for implementing STEM education in middle school. 	Middle School STEM Principal Alike Attributes of a Middle School STEM Centric Learning Environment STEM Keys STEM_Fall_2011_Webinar PowerPoint STEM_Spring_2012_Webinar Recommended Strategy for Infusing STEM Practices STEM Column Graphics