



Cobb STEM Walks



So, your school is being visited by a district team to walk your classrooms and provide feedback regarding STEM instruction and practices. What do you need to do to prepare for this? Who's involved? See below for answers to some common questions!

- **Who is on the district team that will be visiting our school?**
 - The district team that participates in STEM walks is typically composed of the STEM & Innovation Supervisor (Sally Creel), Professional Learning Specialist (Tania Pachuta), other content area supervisors and PLSs, principals, administrators and/or teachers that have been invited from across the district.

- **How long is a typical visit?**
 - Varies, depending on the size of your school. However, 2-3 hours is average. Please create a tour schedule and allot enough time for us to see STEM in practice at the various grade levels. *A sample schedule is provided on the following page.*

- **What should I do to prepare for this day?**
 - The district team will benefit from an *overview* of what you've implemented regarding STEM in your school, to give them context for their classroom observations. It's also great to have an administrator or teacher from your school on the tour so that they can answer questions or hear feedback throughout the process. Provide time at the end of the walk to debrief with the team.

- **What will the district team be looking for and how will we receive feedback?**
 - The district team will be using the Cobb STEM Certification Rubric as a frame of reference when observing the classrooms. They will provide feedback verbally that day, and also in writing after the fact. Sometimes they also provide video/audio feedback, too, that can be shared with teaching staff.

Kemp's STEM Walk

Tuesday, January 15th

8:30 – Overview in room 305

We will highlight Kemp's initiatives as well as discuss our STEM progression and continued goals.

8:45 – Science Lab (S4E3.a)

Fourth graders will explore water in various states to determine if there is a difference in mass.

8:55 – We will stop through the Media Center to check out the Science Fair classroom winners.

9:00 – Third grade (S3L1, NETS3.3a-c, ELSGSE3SL1-4, ISTE1a,c ,3a,d ,4a-c ,6d ,7c)

Students will solve the invasive cane toad problem of a Georgia habitat by engineering traps.

9:15 – Second grade (S2P1,2, MGSE2.NBT.5, MGSE2.MD.1, ELAGSE2RI1, ISTE2,6, K-2-ETS 1-1,2,3)

Students will engineer bobsled courses that minimize friction to have their team race with the fastest time!

9:30 – Special Needs Pre-K (GELDS: CD-SCI.3a,b,d CD-SCI 4a,b,d)

Students will explore the properties of snow through play and guiding questions.

9:45 – Kindergarten (MGSEK.MD.2,3, MGSEK.CC.4, SSKE4, SSKE3a, SKP1.a, SKP2a,b)

Students will engineer sleds of various materials for their snowmen to move in the best way.

10:00 – First grade (S1P1, ELAGSE1SL.1, ESGM1.CR.1-3, MGSE.1.NBT.2,4,7)

Students will engineer a band for the Winter Dance by creating instruments and a song played with them.

10:15 – PE (MGSE3.OA.9, PE 3.3-5)

Third graders will add die to determine the winners that will continue to play The Pyramid Battle.

10:25 – We will stop through the Innovation Lab to observe third graders using code.org.

10:30 – Fourth grade (S4E3, 3-5-ETS1-1, ELSGSE4W7, ISTE3.d, MGSE4.OA.3)

Students will engineer the best salt mixture to make icy roadways safer for motorists.

10:45 – Fifth grade (S5P2, SS5H4, MGSE5.MD.1)

Students will use circuits to engineer a security alarm.

11:00 – Wrap up and reflection in room 305