Storm Water and Ground Water in the BCAMSC Science Units

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About the BCAMSC Science Units

- Member districts
- Non-member districts
- K – 7th grade
- Physical Science, Life Science, Earth Science at each grade level
- Professional Development
- Working with the City of Battle Creek to educate our teachers and youth, and to satisfy the jurisdiction agreement between the city and schools.
We start early.....

- Kindergarten – *My Earth*
  - Water as an “earth material”
  - Plants and animals are dependent on water
  - Pledge to conserve water and keep water clean
2nd grade: *Earth’s Land and Water* - Finding the source and observing its movement

- Water is found under ground, on the surface, and in the sky!

- Water moves!
  - Water flows downhill
  - Water in the streets – real world experiences
  - Storm drains
Finding the source and observing its movement – 2nd grade

- Water is found under ground, on the surface, and in the sky!

- Ground water!
Finding the source and observing its movement – 2nd grade

- Water is found under ground, on the surface, and in the sky!

- Uses of water
  - Daily Average Water Use
  - Collect data
  - Safe drinking water – *A Cool Drink of Water*
  - What would happen if…..
  - Pledge to protect and conserve water- drinking water protection
3rd Grade: *Earth and Me – natural resources*

- Water is a natural resource
  - Resource use
  - Human Activity and our natural resources
  - Erosion and landslides - local storm water
  - Protect, extend and restore natural resources - drinking water protection
  - *Oil Spill*
In the Middle School (7th grade): Weather, Climate and Me

- The Water Cycle
  - The flow of water on land
  - Water sheds and aquifers
  - Storm drains and water quality
  - How Do Humans Affect Air, Water, and Land?
  - Take Action!
Weather, Climate, and Me – 7th grade

• Water shed maps: [http://www.bellmuseum.org/distancelearning/watershed/watershed2.html](http://www.bellmuseum.org/distancelearning/watershed/watershed2.html)

• Surf Your Watershed (US EPA)

• Your storm water drainage system – where does it go? Where does it end up?

• What would happen if…..
Thank you!

- For further information, please contact us!
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