

5th Grade
Guest Lecturer Series

Innovative Water Technologies for Efficiency
Guest Presenter: Marty Beal
CBSA Architects, Hickory, NC



Students will be introduced to the water technologies in place at Snow Creek by the chief architect of the building project, Marty Beal.

Discussion Topics will include:

- 1) How were water innovative water technologies decided upon for usage at Snow Creek Elementary?
- 2) What specific technologies are in use at Snow Creek that employ water savings?
- 3) How much water is Snow Creek anticipated saving each year?
- 4) What percentage of a flush is wasted water?
- 5) How is data collected to compare water savings over time?
- 6) How do students contribute to water savings at Snow Creek?
- 7) What features of Snow Creek allow water savings over time? What parts may need to be replaced so that water can continually be saved?

Upon completion of the lecture students will ask questions.

Students will be required to locate specific areas of the building mentioned in the discussion. Locations will include the toilet dual flush, energy star water heater, water fountain, waterless urinal, and any other areas mentioned.