

3<sup>rd</sup> Grade  
Guest Lecture Series

Sustainable Site; Soil, Land and Environment at Snow Creek

Guest Presenter: Marty Beal  
CBSA Architects, Hickory, NC



Prior to having the guest lecturer come in to the class, students will have background knowledge of healthy soil. Students will also have visited areas of Snow Creek to look at the top soil to examine how it was or was not sustained during the building process of Snow Creek.

Student Visit Locations:

- 1) Hill at the soccer field
- 2) Baseball field
- 3) Front canopy entrance
- 4) Area between the 1<sup>st</sup> and 3<sup>rd</sup> grade halls

Students will be looking for construction debris, rocks, red clay soil, brown soil, and grass and root debris. This prior experience will help the student understand the lecturer and discussion.

Lecturer Topics:

1. How was the site for Snow Creek chosen?
2. How is Snow Creek a sustainable site?
3. How does Snow Creek achieve a balance between the building and the environment?
4. Does Snow Creek contribute to improving quality of life for the community?
5. Does the ecology of the building have a positive impact on the long-term health of students? What performance features enhance this?
6. Does the landscaping provide sustainable features which balance the needs of people and the environment to benefit both?
7. What will the long term impact of Snow Creek be on the soil and land in this area?

At the conclusion of the lecture students will be asked to form small groups. Within their small groups they will be given large pieces of white construction paper. On the paper they will choose a location of the school's exterior environment. They will be asked to hypothesize what that area will look like in 10 years and draw a picture. Once pictures are complete all students will share with the class.