

## Pre and Post Test Results

The results of the pre and post tests are as follows:

Third grade Heritage Unit's pre test average was 43. The post test average was 75. This is a 33 point gain. The Fourth Grade pre test average was 48. The post test average was 79. This is a 31 point gain. The Fifth Grade pre test average was 45 . The post test average was 88. This is a 43 point gain.

The Heritage Unit lessons proved to be a successful tool in teaching students about the heritage of Gatlinburg and Pi Beta Phi Elementary School. Many students made a connection because they are descendents of the early settlers of Gatlinburg.

### Recommendations:

Third - The vocabulary may be too advanced for this grade level. The vocabulary needs to be reviewed and revised as necessary.

Fourth - A field trip around the Pi Beta Phi school grounds and the Arrowmont facility would be useful to enhance and enrich the lesson.

Fifth - Would like to recommend that this lesson be taught before the fifth grade fieldtrip to Tremont in the fall.

Sixth - As a whole will look at Food and its preparation in the early part of the 20<sup>th</sup> Century. Music in this time period will also look at. Arts and crafts may also be addressed via a possible weaving demonstration.

The sixth grade class will focus on the history of Gatlinburg and the influence that the Pi Beta Phi Fraternity had on the development of Gatlinburg. The time line will be from the early teens to the 1950s. An oral history of the Blizzard of 1993 will also be incorporated as part of the presentation.

Essential leanings will include:

- religion,
- education,
- Arts and crafts,
- lodging and food,
- sports,
- entertainment
- Medicine.

A pre-test and post-test will be given

Seventh & Eighth - These two grade levels received the same pre and post-tests. Results were consistent across both grade levels. Pre-test questions focused on the definition of culture and the characteristics of our community (what our community is best known for; why people live in our town; and what physical or natural features have influenced our community). Approximately 85% of all 7<sup>th</sup> and 8<sup>th</sup> graders gave very accurate definitions of culture; 10 % gave good answers; and 5% gave answers that were inaccurate. Basically, all students knew what our town is best known for (mountains, tourism, etc.), and 90% knew that the Smoky Mountains and the local river system were the major natural features that have influence the community.

Post-test questions were answered with a high degree of accuracy by both grade levels. This can be attributed to instruction, but also to the fact that most of the 7<sup>th</sup> and 8<sup>th</sup> grade students have had many years of similar instruction in the Parks as Classrooms program.