



## PROGRAM BENEFITS FOR GIFTED CHILDREN

### Why is the Camp Invention program a good fit for gifted students?

The use of discovery learning techniques:

- The teacher acts as a facilitator of the child's self-directed learning.
- The child sets his/her own pace.
- The child can further his/her own knowledge through independent exploration.
- The child can concentrate on his/her particular areas of interest.
- The child is encouraged to draw inferences from a specific event to the wider world.

The Creative Problem Solving process:

- Engages the child's interest
- Highlights brainstorming techniques
- Requires the child to make decisions
- Sharpens critical thinking skills
- Stresses the importance of evaluation
- Teaches the children how to learn from failure
- Parallels the scientific method

Both programs provide an opportunity for gifted children to improve their skills in these critical areas:

- Teamwork
- Leadership
- Acceptance of ideas from other people
- Decision-making
- Risk-taking
- Realistic self-evaluation
- Overcoming failure

**The Camp Invention program take a cross-curriculum approach to science education, integrating Science, Technology, Engineering and Math (STEM) - based activities with history, language arts, music, and art. The curriculum is aligned with state and national standards, and can be successfully offered through gifted-only or heterogeneous programming.**