

To Catch a Star:

## STANDARDS ADDRESSED

### Grades K-4

#### Science

##### *Science and Technology*

- People invent tools and techniques to solve problems.
- Scientists and engineers work on teams.
- Women and men... and groups engage in a variety of scientific and technological work.
- Tools help scientists.

##### *History and Nature of Science*

- Science and technology have been practiced by people for a long time.

### Grades 5-8

#### Science

##### *Science and Technology*

- Many different people in different cultures have made and continue to make contributions to science and technology.
- Science and technology are reciprocal.
- Perfectly designed solutions do not exist.
- Technological designs have constraints.

##### *Science in Personal and Social Perspectives*

- Scientists and engineers work in many different settings.

##### *History and Nature of Science*

- *Some scientists work in teams and some work alone.*

### Grades 9-12

#### Science

##### *Science and Technology*

- Science often advances with the introduction of new technologies.

##### *History and Nature of Science*

- Individuals and teams have contributed and will continue to contribute to the scientific enterprise.