

# Judging Criteria

**Criteria, which has been translated into a rubric, is as follows:**

## **Overall Impression -**

Creativity... Does the invention show imaginative problem solving?

Originality... Does the invention provide a novel solution?

Complexity... Does the invention show significant depth and attention to detail? Innovation...

Is this a pioneering invention or a significant improvement?

## **Presentation -**

Statement of problem... How well was the problem stated?

Statement of solution... How well does the solution address the problem statement?

Schematic Diagram... How effective was the diagram in illustrating the idea?

## **Invention Relevance -**

Impact... How significant is the problem being solved? Practicality...

Could this invention be made into a working device?

Contribution... Does the invention solve a problem of importance to others?

It is very important that students research their idea to make sure that the product does not already exist.

- If they choose to enhance an existing product they must make a significant improvement to the product for the submission to be considered by the judges.
- The judges do check each submission against existing inventions, and if they find a student's invention already exists in a similar format, it will be disqualified.

# Invention Convention Rubric

<b>Overall Impression</b>	<b>Beginning</b>	<b>Developing</b>	<b>Accomplished</b>	<b>Exemplary</b>	<b>Score</b>
Creativity- imaginative problem solving					
Originality- provides a novel solution					
Complexity- significant depth and attention to detail					
Innovation- pioneering invention or significant improvement					
<b>Presentation</b>					
Statement of Problem					
Statement of Solution- solution addresses problem stated					
Schematic Diagram- effectiveness of illustrating the problem					
<b>Invention Relevance</b>					
Impact- significance of the problem					
Practicality- able to be a workable device					
Contribution- importance to others					