

Handout 1

The Suggested Enrichment Program Outcomes

Dear student,

The following are the suggested enrichment program outcomes. Please, read them before receiving instruction:

Through the suggested enrichment program you will hopefully be able to use Cinderella to:

- Outcome 1 Construct dynamic figures.
- Outcome 2 Come up with many construction methods to construct dynamic configurations for a certain figure.
- Outcome 3 Come up with many different and varied construction methods to construct dynamic configurations for a certain figure.
- Outcome 4 Come up with novel and unusual methods to construct dynamic configurations for a certain figure.
- Outcome 5 Produce many relevant responses (ideas, solutions, proofs, conjectures, and new formulated problems) toward a geometric problem or situation.
- Outcome 6 Produce many different and varied relevant responses (ideas, solutions, proofs, conjectures, new formulated problems) toward a geometric problem or situation.
- Outcome 7 Generate many unusual ("way out"), unique, clever responses or products toward a geometric problem or situation.
- Outcome 8 Make new conjectures and relationships by recognizing your experience toward the aspects of the given problem or situation.
- Outcome 9 Investigate the made conjectures and relationships in different situations and methods.
- Outcome 10 Generate many different and varied proofs toward a geometric problem or situation.
- Outcome 11 Generate many follow-up problems by redefining (modifying, adapting, expanding, or altering) a given geometric problem or situation.
- Outcome 12 Apply different learning aspects of geometry (concepts, generalizations, and skills) in solving a geometric problem or situation.