



Name: _____ Date: _____

SCIENCE APPLIED

Defending Earth Against Asteroids

Project Design Checklist

Tasks	Resources	Due Date	Status
1. Develop a list of self-generated questions that are related to the Problem, Mission Deliverable, and/or Guiding Question.	<ul style="list-style-type: none"> • Computer • Word processing software application 		<input type="checkbox"/> Complete <input type="checkbox"/> Not complete
2. Research the following topics: <ul style="list-style-type: none"> • Asteroids: The facts • Risk of asteroids hitting Earth • Historical and recent events involving asteroids hitting Earth • The methods that scientists use to find asteroids 	<ul style="list-style-type: none"> • Computer • Internet 		<input type="checkbox"/> Complete <input type="checkbox"/> Not complete
3. Accomplish the task that is described in the “Related Career Roles” section.	<ul style="list-style-type: none"> • Computer • Internet 		<input type="checkbox"/> Complete <input type="checkbox"/> Not complete
4. Interview a person in one or more of the related career roles. You should discuss and confirm the information that you researched in Task 2. You should also discuss any additional questions that you might have about the Problem, Mission Deliverable, and/or Guiding Question.	<ul style="list-style-type: none"> • Research Information Collected in Task 2 • Self-generated questions • Related career role professional(s) 		<input type="checkbox"/> Complete <input type="checkbox"/> Not complete
5. Use the research information that you collected in Tasks 2, 3, and 4 to develop your comprehensive plan to find asteroids. Your plan should reflect the information that you collected and evaluated in Task 2, Task 3, and Task 4.	<ul style="list-style-type: none"> • Computer • Word processing software application • Research information collected in Task 2, Task 3, and Task 4 		<input type="checkbox"/> Complete <input type="checkbox"/> Not complete

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6. Print a copy of your plan to find asteroids. Submit this plan to NASA and to the B612 Foundation, an organization that is dedicated to predicting and preventing catastrophic asteroid strikes.	<ul style="list-style-type: none">• Final version of the plan to find asteroids• Laser printer• NASA contact information• B612 contact information		<input type="checkbox"/> Complete <input type="checkbox"/> Not complete