

2012

## India's Nobel Laureates Research Lesson

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India's Nobel Laureates Research Lesson

Natasha Cooper – School not available

Grade Level (Req.): 9th-12th grade	Content Area (Req.): World Geography, World History, English/Reading	Unit (Opt.):
Connections to Other Disciplines (Opt.): • • •		
Time Frame (Req.): 2 class periods	Goal (Req.): To learn about accomplishments throughout the world.	
	Objective (Req.): Students will understand the Nobel Prize winners from India, where they are from, and their significant accomplishments.	
Materials Needed (Req.): <ul style="list-style-type: none"> <li>• India map – you may print out a blank map at <a href="http://geography.about.com/library/blank/blxindia.htm">http://geography.about.com/library/blank/blxindia.htm</a></li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> </ul>	New Vocabulary (Opt.): <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> </ul>	
Anticipatory Set/Introduction [Inquiry Question is required] (Req.): How have Indians made significant contributions in the world? Who are the Nobel Prize winners from India and what are their achievements?		
Instructional Sequence/Procedure (Req.): <ol style="list-style-type: none"> <li>1. Day 1: Pass out research papers and assign expert groups (number by five and each number gets one person on the paper to research).</li> <li>2. The students are to plot where that person is from in India. Those students work independently and then the last five minutes of class they can compare with the other students who had that same person.</li> <li>3. Day 2: Students should get in their home teams.</li> <li>4. In these teams, each person has a different person.</li> <li>5. They can copy and teach the members in their home team about the other Nobel winners from India.</li> <li>6. The last 5-10 minutes the teacher discusses the lesson and pulls all the information together.</li> <li>7.</li> <li>8.</li> <li>9.</li> <li>10.</li> <li>11.</li> <li>12.</li> </ol>		

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Formative Evaluation (Req.): Class discussion, group work

Assessment (Req.): Research organizer and map locations are complete.

Iowa Core Curriculum Standards Used (Req.):

- Geography, grade 9-12: Understand the use of geographic tools to locate and analyze information about people, places, and environments.
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Common Core Curriculum Standards Used (Opt.):

- Speaking and Listening, grade 6-12: Engage effectively in a range of collaborative discussions (one-on-one, in groups and teacher-led) with diverse partners on specific grade level topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
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NGS Standards Used (Req.):

- How to analyze the spatial organization of people, places, and environments on the Earth's surface
- How to apply geography to interpret the past
- How to apply geography to interpret the present and plan for the future
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Five Themes of Geography Used (Req.):

- Place
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School District Standards and Benchmarks (Opt.):

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21<sup>st</sup> Century Universal Constructs (Opt.): Collaboration

Other Disciplinary Standards (Opt.):

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Other Essential Information (Opt.):

Other Resources (Opt.):

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