

**BLUE RIBBON LESSONS**  
**LESSON PLAN**

<b>LESSON:</b>	Boolean Operators AND OR NOT
<b>Grade Level:</b>	6, 7, 8
<b>OBJECTIVES:</b>	The student will be able to: <ol style="list-style-type: none"> <li>1. Create successful search strategies using the 3 Boolean operators and, or, not.</li> </ol>
<b>MATERIALS:</b>	<ol style="list-style-type: none"> <li>1. Searching Efficiently Using Boolean Operators video</li> <li>2. One or two preselected databases that have advanced searches using Boolean</li> </ol>
<b>KEYWORDS:</b>	Boolean operator database keyword
<b>PROCEDURES:</b>	<ol style="list-style-type: none"> <li>1. Have students open a database and locate the advanced search page</li> <li>2. Demonstrate how to change the Boolean operators</li> <li>3. Using video, discuss and practice with each Boolean operator</li> </ol>
<b>EXTENSIONS OR ADAPTATIONS:</b>	Have students conduct several searches using Boolean operators
<b>STANDARDS</b>	<p>NETS-S 3 Research and Information Fluency: Students apply digital tools to gather, evaluate, and use information.</p> <p>ICTL GLEs 3B Use the navigational features of sources to locate appropriate information.</p>