



## Principal's Implementation Checklist

**Feedback: *Got the "H.O.T.S." for Inquiry? Gail B. Wortman***

**Subject Area: Science**

**Course Objectives:**

Participants will:

1. Explain how the integration of Higher Order Thinking Skills (HOTS) and inquiry methods into instruction results in greater learning gains by students.
2. Relate the concepts of "Do" and "Understand" scientific inquiry as part of the National Science Education Standards.
3. Describe how to incorporate Bloom's Taxonomy and Multiple Intelligences into student assessment for greater learning gains.

During a brief classroom "walkthrough" observation, the school principal can use the following checklist to note activities and strategies taught in the course and implemented in the classroom.

Teacher:	Date:	School:			
	<b>Degree of Implementation</b>				
<i>Strategies</i>	<i>1 (low)</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5 (high)</i>
Teacher displays evidence in planning lessons using motivating strategies that promote higher order thinking skills, use models and manipulatives, drawings, and graphs in teaching					
Teacher displays evidence of relating real events to classroom activities to stimulate investigations by students					
Teacher displays evidence of questioning techniques that gather data for information purposes					
Students are engaged in researching for data to answer problems presented to the class as cooperative					

