

Static Electricity Project: Electroscope

CATEGORY	Level 1	level 2	Level 3	Level 4
Construction & Materials (<i>Inquiry</i>)	Materials and construction contributed to an ineffective electroscope.	Some materials were inappropriate &/or a few construction details made the electroscope somewhat ineffective.	Appropriate materials were selected but 1 or 2 details could have been refined for a more attractive or effective electroscope.	Appropriate materials were selected and great care was taken in the construction process.
Functionality (<i>Application</i>)	Electroscope is constructed well, but is a poor detector of charge due to lack of sensitivity.	Electroscope functions as a detector of charge.	Electroscope functions well as a detector of static charge, but is only moderately sensitive.	Electroscope functions excellently and is highly sensitive to charged objects.
Demonstration/Explanation of charging by Conduction (<i>communication</i>)	Student explains and demonstrates <i>conduction</i> , but much of it is incorrect.	Student's <i>conduction</i> demonstration is good, but lacks important details &/or the explanation is partially incorrect.	Student is able to accurately and correctly demonstrate and explain in detail the behaviour of the electroscope during the process of <i>conduction</i> .	
Demonstration/Explanation of charging by Induction (<i>communication</i>)	Student explains and demonstrates <i>induction</i> , but much of it is incorrect.	Student's <i>induction</i> demonstration is good, but lacks important details &/or the explanation is partially incorrect.	Student is able to accurately and correctly demonstrate and explain in detail the behaviour of the electroscope during the process of <i>induction</i> .	
Participation (<i>Communication</i>)	Both group members contributed, but not equally.	Both group members contributed equally in demonstration, explanation and construction.		

Total: /16