

# Teaching Plan for Science

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1. Date: June 4, 2007 (14:45-15:35)
2. Place : Okinawa Education Center
3. Class : J.H.S. 1<sup>st</sup> grade
4. Subject : Science
5. Textbook : New Science ( Tokyo Shoseki Co. L. Td)
6. Lesson: Unit1: To distinguish the material that it is a metal and is not the metal  
Chapter1 Matter and the properties of matter in our daily life  
Unit1: To distinguish matter that it is a metal and is not the metal ←Today's class  
Unit2: To distinguish the kind of metal  
Unit3: To distinguish a white powdery material  
Unit4: To distinguish the gas invisible
7. Objects of this unit:
  - (1) To have the students understand matter in their daily life.
  - (2) To have the students understand the properties of matter.
  - (3) To have the students distinguish matter.
8. Goals of Today's Class
  - (1) Students become interested in today's lesson.
  - (2) Students understand what matter is
  - (3) Students can do the experiment.
  - (4) Students find out the property of metal

## 9 . Teaching Procedure

Procedure	Teacher's Activity	Student's Activity	Teaching aids	Notes
Greeting Introduction	Take attendance Introduce today's topic	Ss greet T		computer projector
Question1	<div>What is this?</div> T show some pictures T explain the word of "object"	Ss answer the questions Ss comprehend the meaning of "object"		computer projector
Question2	<div>What are these objects mad of?</div> T show some pictures T explain the words of "matter" and "metal"	Ss answer the questions Ss comprehend the meaning of "matter" and "metal"		computer projector
Experiment	<div>Let's distinguish the objects that are made of metal and are not made of metal.</div> T give each students worksheet. T explain what to do the experiment. with the picture <b>Activity1</b> Check it whether to conduct electricity? <b>Activity2</b> Check it whether to attach to the magnet	Ss listen to the explanation. Ss write the inferences  Ss do the experiment in group. Ss record the results in the worksheet.		picture worksheet miniature bulbs, lead wires, batteries, magnets many kinds of objects
Conclusion	T check the results of the experiment.  T ask which objects are metal.  T explain the properties of metal. T explain the words of "nonmetal"	Ss write the results on the blackboard.  Ss say which objects are metal and find out the property of metal.  Ss comprehend the meaning of "nonmetal"		