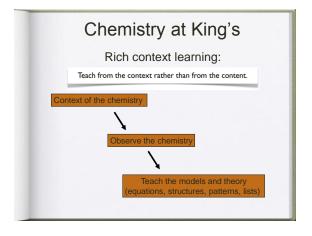
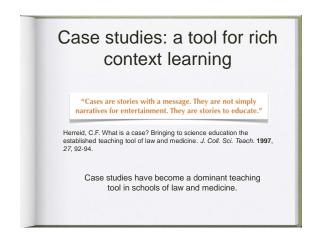
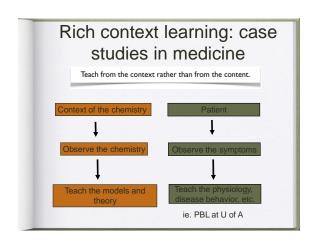


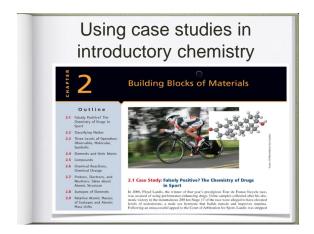
What makes scientific learning engaging and relevant?

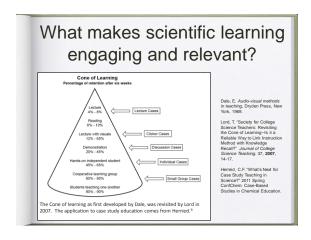
'Active learning'
'Relevance to student's lives'
'Independent learning'









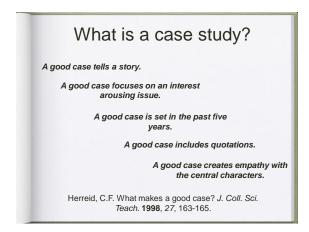


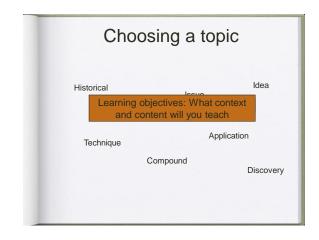


## Goals of case study development Have students learn through independent development and teaching. Have students think about the way science is taught. Improve students written and oral presentation skills. Develop deep and lasting knowledge about an area of chemistry.

## Case study development as a tool for learning Cone of Learning Percentager of referrifices after six weeks The Addisonation Cases 12% - 6% Lecture with visuals Lecture with visuals 12% - 6% Lecture with visuals Lecture visuals







## Your case study must show that you have done some independent research into the area you choose. It must contain a chemical theme that serves to highlight an important concept in inorganic chemistry. There is no page limit but anything less than 10 pages will most likely not be adequate. There are many great resources available in the library and many books dealing with interesting topics. It is expected that you create your own case study based on books, journal articles and texts. Online resources and other case study books may be used to guide you but you must show unique research in the scientific literature.



## The case studies Class of 8, 2<sup>nd</sup> and 3<sup>rd</sup> year students (1 Environmental studies, 1 Biology, 6 Chemistry) Focused on inorganic chemistry Designed for first year students Formatted into booklets with story, content, questions, examples.

