***A First Look at Coordination Compounds***

In this course, we will spend a significant amount of time looking at representations of coordination complexes and the different components of these substances. In this activity, you will look at the crystal structure of a cobalt coordination complex and the information about this structure is provided below. On the linked webpage, you will be able to access the structure and manipulate it so that you can view it from multiple perspectives and determine which is the best (in your opinion) in allowing you to illustrate the important aspects of the structure.

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| **CCDC Database Identifier** | CLECOC |
| **Digital Object Identifier (DOI)** | <https://www.ccdc.cam.ac.uk/structures/Search?Ccdcid=CLECOC&DatabaseToSearch=Published> |

Note that This structure, and many others, can be accessed from the Cambridge Crystallographic Data Centre’s Access Structures website (<https://www.ccdc.cam.ac.uk/structures/>).

1. Please paste a screenshot of the structure in the space below.
2. Please list 3 things that you notice about the structure.
3. Please list 2 or 3 questions about the structure that you would like to have answered.