# Reflective Log – Tommy Woodley – St. Benedict’s School

## Week 2 – Wednesday 18th January

I began the day with a short meeting with the headmaster of the school and finalisation of HR work receiving an ID Badge.

First period was free for Richard, so we took the time to look through the Year 13 mocks that they had just done. Richard noted to me that some of the main topics that Year 13 struggled with were during their recent exams were Assembly Language, Boolean Algebra and Databases. Since Year 13 were already done with the course content this term was available for revision so we decided that I could cover and lead the lessons with them on these topics over the next few weeks up until half term. Boolean Algebra was a topic that Richard had already mentioned was challenging for the students, he noted that many of them didn’t seem to understand the purpose and often didn’t memorise or have a good system for applying the rules. We discussed the prospect of covering this topic in a more practical way when the Year 12’s and 13’s visited Imperial on the 1st February. Then we discussed his plans for the next 2 lessons.

Second period was a Year 10 class looking at Assembly Language in the form of Little Man Computer (<https://peterhigginson.co.uk/lmc/>). This was a particularly interesting lesson as Richard has asked me to lead a lesson next week on the same concept to a Year 13 class so this gave me the opportunity to understand how he would go about teaching it to a slightly younger year group. Richard led the class, and I asked as an observer to the lesson. The lesson began with a recap of how to convert Binary into Denary. This was a topic the students had covered recently, and a student volunteered their answer to this question. Then Richard went on to discuss how they might build a program to do this in Python. Throughout this most of the students were quite actively engaged in the lesson and were both asking questions and volunteering answers.