

Report for Worshipful Company of Plumbers from The More House FOUNDATION

We can now update you as regards progress with the new School of Engineering. The building is now complete and final fitting out work underway which can be seen in the attached photographs.

As regards the development and application of the support provided by The Worshipful Company of Plumbers one of our first objectives in September is to obtain the appropriate accreditation for City & Guilds NVQs and in particular the Plumbing NVQ Level 1, the appropriate equipment and resources will need to be in place to deliver this course.

So in order to be up and running a 'Home Skills' 'in house' course is to be timetabled from September which will involve basic plumbing. The intention is that the Year 12 students will complete it as part of their 'Sixth Form Enrichment' programme and will receive a More House Certificate at the end of the year. In addition a Junior Plumbing Club may well also utilise this equipment as a fun after school activity. For instance with both senior and junior pupils a garden water feature/fountain could form a design project utilising domestic rainwater.

At the moment the initial grant from The Worshipful Company of Plumbers is currently being held in our restricted account. We attach a list of equipment and resources totalling £2076.73 which we hope to purchase in order to undertake the above. This will facilitate the course to start in September then further resources can be provided to continue this course into a second year.

You have kindly mentioned that the Worshipful Company of Plumber can help with resources and having read this report if a more economical source or supplier could be recommended we would welcome any suggestions but the three phase grant will undoubtedly 'make it happen.'

This will run alongside the introduction of GCSE Engineering in September from which we will hope to aspire to the higher level of NVQ where plumbing is likely to be part of the course, but we will not be in a position to offer this higher course level initially as we will have to 'grow' our September crop of Year 10 through GCSE Engineering to reach this level.

It might also be of interest to know that other courses planned for the new building are a continuation of Design & Technology Resistant Materials at GCSE and AS/A Level and subject to funding the introduction of CAD using Autodesk Discovery Profession which we hope will enhance the portfolios submitted for both GCSE and GCE.

Again, as soon as funding permits, we are hoping to have a dedicated Junior Technology room centralising tuition for all the boys introducing them through the appropriate machinery to working in wood, plastic and metal.

Without doubt this donation will considerably help with our students gaining not just life skills but achieving the best career pathway through these new qualifications. Added value will be gained through opening the educational and global debate relating to water and green issues as a new and exciting subject for our student to study.

Ella Cattell - Secretary to The More House Foundation

June 2013

Equipment and Resources required for Plumbing at More House

EQUIPMENT

Blow torches
 Compression nut spanners
 Adjustable spanners
 Drill bit sets
 fibre)
 Re seating tools
 Deburrers
 Basin wrenches
 Pipe cutters
 Stilsons (10inch and 8inch)

Mono block wrench
 Heat mats
 Water pump pliers
 Pressure tester
 2 small radiators
 Pillar taps
 Pipe cutters
 Isolation valves

RESOURCES

PTFE
 Flux
 Olives
 Washers (rubber and

 Raw plugs
 Non setting mastic
 End feed fittings
 Lead free solder
 Compression fittings

½ inch tap
 Pipe clips
 Lead free solder
 Copper Pipe 15mm
 Copper Pipe 22mm

COSTS as at June 2013

The above equipment and resources with
 the exception of the copper pipe and
 compression fittings total:-

£1,351.73

30 metres of 55 mm copper pipe

£75.00

30 metres of 20mm pipe is: -

£150.00

Then with the addition of compression
 fittings a further expenditure of at least:-

£500.00

TOTAL inclusive of VAT:

£2,076.73





1. Wood Shop & Prep Area
2. Metal Shop
3. Discovery Room
4. CAD Room
5. Junior Technology
6. The School of Engineering

