



## **City of London Education Initiative Fund proposal**

The City of London Corporation is committed to ensuring the very best education for children and families within the City of London and for children educated at City schools. As part of this it has established an Education Initiative Fund to support projects that seek to raise attainment and enhance learning outcomes.

You are invited to submit a funding proposal for a project or projects that fit these criteria. Your proposal must address each of the following points:

- Title and purpose of the activity
- Activity description
- Funding required
- Audience
- How it will improve attainment
- Target outcome
- Evaluation processes

**Activity proposal 14/15**

<b>Title and purpose of the activity</b>
<p>To improve our students' progress in Maths across KS4 at the City of London Academy (Southwark) and support local feeder Primary schools in Southwark in raising Level 6 Maths results. This in turn significantly improves their life chances and reflects positively on the Academy and the City of London.</p>
<b>Description</b>
<p>To implement strategies and deploy resources to further improve Key Stage 4 Maths results by:-</p> <ul style="list-style-type: none"> <li>• Employing a Head of Learning and Teaching in Maths (Advanced Skills Teacher)</li> <li>• Employing a Lead Teacher in Maths</li> <li>• To staff and run Saturday and holiday Maths Master classes for KS4 students</li> <li>• To host and send specialist Maths teachers into primary feeder schools to teach and empower their staff and Year 6 students to be able to achieve Level 6 in Maths</li> </ul>
<b>Total funding and breakdown of funding required</b>
<p>£100,000 Maximum bid allowed – CoLA (Southwark) Funding Breakdown</p> <ul style="list-style-type: none"> <li>• Head of Learning and Teaching Maths (AST) £54,000 plus 20% on costs = £64,800</li> <li>• Lead Teacher Maths £39,000 plus 20% on costs = £46,800</li> <li>• Saturday classes 20 weeks for 2 staff @ £100 per session = £4,000</li> <li>• Holiday Maths Master Classes @ 20 days for 4 staff @ £70 per session = £5,600</li> <li>• KS2 Master Classes to enable students to try to achieve Level 6 in Maths = £ included in staffing cost above</li> </ul>
<b>How will it improve attainment?</b>
<p>To support up to 360 KS4 students at City of London Academy (Southwark) to improve their levels of progress and eventual GCSE grade in Maths and support up to 20 Primary students to aspire and achieve their aspiration of a Level 6 in Maths.</p> <p><b>How it will improve attainment</b></p> <ul style="list-style-type: none"> <li>• Additional high quality teaching staff will help students make improved levels of progress in Maths by providing better teaching, smaller class sizes and where necessary small group and 1:1 tuition to best meet the individual student needs.</li> <li>• These teaching staff will also be able to effectively train and develop capacity within the faculty and lead in the development of best practice in Maths teaching.</li> <li>• Saturday and holiday Maths classes enable students to have additional tuition, mentoring and exam practice dramatically increasing their chance of getting a better Maths grade.</li> <li>• Training primary staff will increase their skill level and knowledge to be able to better support students in getting Level 6 in Maths.</li> <li>• Teaching and coaching Year 6 students with expert specialist Maths teachers increases the student's chances of getting a better KS2 results.</li> </ul>

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<b>What is the target outcome?</b>
<ul style="list-style-type: none"> <li>• To improve students levels of progress and GCSE results in Maths year on year at KS4 at City of London Academy (Southwark).</li> <li>• To enable primary students to achieve Level 6 Maths.</li> </ul>
<b>How will outputs be measured?</b>
<ul style="list-style-type: none"> <li>• Raised progress in Maths GCSE at City of London Academy (Southwark)</li> <li>• Raised level 6 KS2 outcomes from students participating.</li> </ul>
<b>How will it be evaluated?</b>
<ul style="list-style-type: none"> <li>• Student Examination Outcomes</li> <li>• Feedback from Partner Primary Schools</li> <li>• Feedback from Director of Maths</li> </ul>
<b>Evaluation – June 2015</b>
<ul style="list-style-type: none"> <li>• GCSE mathematics forecast 76% making expected from KS2-4 and 40% making more than expected progress. If repeated in the public examination results, this would be a modest improvement since 2014-15 and would mean the academy has maintained its Sig+ (compared to National averages) and can make the case that achievement in mathematics is outstanding.</li> <li>• Redriff Primary School are forecast to increased their %L6 Maths from 7% to 10% which is above the National average and sustains the improvements made in 2014-15</li> </ul> <p><b>Director of Maths</b></p> <p>The assistance from the City of London Initiative Fund has been invaluable in improving our students' progress in mathematics across all Key Stages. In a volatile year that saw national attainment and progress rates in mathematics fall dramatically, our faculty bucked national trends by making further gains on the previous year. The percentage of pupils achieving 5 A*-C is now 26 percentage points above 2011.</p> <p>Four members of the department (including the AST and Lead teacher) have received national accreditation as CPD leads through the NCETM's Professional Development Lead Support Programme (PDLSP). Through weekly development meetings staff are now able to effectively train and develop staff, leading on the best practice in Maths teaching. We are, for exam currently involved in the national pilot for Maths Mastery at KS4, having already rolled it out at KS3.</p> <p>We have been able to build capacity within the department, retaining and developing staff as well as attracting very strong external candidates. Currently, we have at least four members of the team that can teach STEP, enabling our brightest students at KS5 to gain entry into the very best universities in the country - there are very few schools that can boast this!</p> <p>Our AST and faculty staff have worked closely with our feeder primaries to develop practice and improve the percentage of students achieving Level 6 at KS2.</p> <p>Through increased capacity of staffing, teaching of Level 6 pupils and coaching of the staff involved has been able to take place consistently. A group of pupils were identified early in the academic year to be taught initially by the AST and then team taught through key objectives to help progress pupils towards Level 6. Collaboration on planning these intervention was done weekly with the Year 6 teacher in charge of Level 6 progress. This collaboration assisted in moving towards a more sustainable model of the correct content being delivered to the pupils. Long term planning of schemes of work and the objectives contained within them was undertaken with the AST to ensure that intervention could be undertake from an earlier stage in the following years.</p> <p>This support is ongoing, with the delivery of Level 6 topics and the development of the New Curriculum (for 2015-16) &amp; introduction of Assessment without Levels. The collaboration has moved in both directions with best practice of pupil marking and feedback from Redriff being initiated in the Maths Faculty at CoLA.</p>