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**CITY ACADEMY**  
BIRMINGHAM

**Literacy & Numeracy**  
**Catch-Up Premium**

*2018*

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The catch-up premium is allocated to schools for students who have not met the expected grades and reading ages of students of the same chronological age in English and Maths. Schools have been given autonomy in how this funding is allocated across school; so no longer being based on which students do not achieve a level 4 in the KS2 tests. Since this change, students are identified as requiring Catch-Up Premium funding if they have a KS2 Scaled Score of below 100 in English and Maths. For the academic year of 2017/2018 a total of 47 students were entitled to the reading/literacy Catch-Up Premium, and 41 for maths.

At City Academy Birmingham, we believe that all students should thrive and achieve exceptionally well, with timely interventions being put in place to support their success. As well as ensuring that students receive effective teaching in their lessons, all year 7 students that are judged to be behind are placed into intervention programs to improve their skills and bring them up a comparable level to what is expected at their chronological age. The school's funding allocation for 2017/2018 was £10,000.

The priority in the last academic year was literacy which forms the basis of all other subjects. As a result, numeracy took a back seat to make way for whole school literacy measures. All students sit reading tests at the beginning of year 7 and these continue on a termly basis, providing an opportunity for staff to track and analyse progress and provide the personalised programs stated below:

Students with a reading age of below 9 years old receive one-to-one reading support from our trained team of Assistant Teachers and the school's Librarian. This program is called 'Toe-by-Toe' which is a set of multi-sensory tasks that train students to develop their phonics, through sounding out letters and words in their own workbook that is ticked off and marked to show progress through each stage. These books came to a total of £495.52 and are a valuable resource in supporting students in becoming functionally literate. 5 out of the 25 students requiring Toe-by-Toe began the academic year of 2017-2018 with a reading age of between 6 and 7 years 11 months old, which is particularly low for their age group. Students receive Toe-by-Toe interventions for one hour per week, in-place of non-core subjects during the school day and one hour afterschool, as two half an hour sessions.

Seven students finished the academic year of 2017-2018 with reading ages below 9 years old and are still attending intervention sessions.

**Table 1: Impact of the Toe-by-Toe program, showing the number of year 7 students still requiring this intervention after one year of sessions.**

Year group	Number of students with reading ages below 9 years, receiving Toe-by-Toe. <b>September 2017</b>	Number of students with reading ages below 9 years, receiving Toe-by-Toe. <b>September 2018</b>
7	25	7

Students with reading ages below 11 years old are placed on to the Team Reader program which provides small groups of up to six students at a time, with a guided reading session, led by the Assistant Teacher team and the Librarian. Students are encouraged to read aloud; building confidence and skills, practicing their word recognition and pronunciation. Students receive Team Reader interventions for one hour per week, in-place of non-core subjects during the school day and one hour afterschool, as two half an hour sessions. In order to ensure that students are provided with engaging reading books that are suitable for their reading age and maturity, a selection have been purchased that has not only improved students' reading ages, but has instilled a love of reading and a culture of reading for pleasure at City Academy Birmingham. New books have been purchased for the school library that is utilised as a learning space for students needing further literacy support as well as interventions with the Librarian.

Where students have not yet reached a reading age of 11 years old after intervention, they continue on the program in the following year. Many of these students have graduated through from Toe-by-Toe and have made huge strides in their reading ability and confidence; now working towards a reading age of 11 years old.

**Table 2: Team Reader program's impact on year 7 students' progress: Students with reading ages between 9 and 11 years old.**

Year group	Number of students with reading ages 9-11 receiving Team Reader. <b>September 2017</b>	Number of students with reading ages 9-11 receiving Team Reader. <b>September 2018</b>
7	55	24

At the end of the academic year of 2017-2018 76% of year 7 students achieved reading ages of 11 years old and above.

As well as providing these programs for students to catch up with their reading skills, a termly competition rewards the students that make the most progress in year 7 with 'Reading Champion' badges, 'Those who read succeed' trophies, Nando's Vouchers and Waterstone's book vouchers. Those with the lowest reading ages and have been receiving personalised interventions made the most progress in 2017/2018 and this was celebrated in assemblies; giving those students a further boost in motivation and tangible reward for their hard work.

**Table 3: The total cost for each reward**

Rewards	Cost
Reading Champion badges and trophies	£103.14
Nando's Vouchers	£60
Waterstone's vouchers	£60
<b>Total cost of rewards</b>	<b>£223.47</b>

To further develop the culture of reading for pleasure, guided 'Class Reader' sessions have been added to morning form time activities as well as an additional 40 minute lesson each week for all year 7 students. New books have been purchased to ensure that each class are provided with an appropriate, engaging text that instil a passion for reading and support all students to further develop their reading skills. These sessions are led by teachers from across the school, adding additional time to their existing timetables.

**Table 4: Total expenditure for reading/literacy & numeracy for the academic year 2017/2018**

Investment into reading/literacy 2017/2018	Total cost
Assistant Teachers £15,807pa (level 2) = £9.35 per hour and £19,430pa (level 3) = £11.49 per hour. 2 hours per week for 39 weeks a year = £729.30 (level 2) and £896.22 (level 3).	£1625.52 for a level 2 and level 3 Assistant Teacher
Librarian = £15,807pa = £9.35 per hour x 2 hours per week x 39 weeks	£729.30
Toe-by-Toe workbooks	£495.52
Reading books/novels	£5700.84
Reading Champion badges and trophies	£103.14
Nando's vouchers	£60
Waterstone's vouchers	£60
Investment into numeracy 2017/2018	Total cost
Power of 2 workbooks (£17.99 x 20)	£359.80
<b>Total</b>	<b>£9134.12</b>

For Numeracy, there was still some specific and targeted provision in the following areas:

#### Form Time

Form time was extended for the school to allow more time for meaningful activities, such as, having a dedicated numeracy session. This was done once a week in form time using a popular online resource: 'formtimeideas.numeracy' which allowed students to practise and consolidate on common 'Number' topics, for example, percentages and ratio.

### **Assistant Teacher Support (AT)**

1 to 1 and small group support was given to identified students within maths lessons targeting those students that had a scaled score of less than 100. Assistant teachers worked with these students in a dedicated area often using additional resources to convey key concepts.

### **Resources**

Power of 2 has been used specifically for identified students at risk of not having the most basic numeracy, such as, the ability to add and subtract.

The impact of the above measures – especially with the AT support greatly impacted the student and class teacher, allowing the class teacher to focus on most of the class whilst the AT focused on supporting a small group or 1 to 1 support.

### **2018/2019 Initiatives:**

#### ***Literacy***

For the academic year of 2018/2019 we will be continuing with targeted Toe-by-Toe and Team Reader programs, as well as the termly competitions and Class Reader sessions to support the development of students' literacy and further strengthen our strong culture of reading; ensuring that every student eligible for Catch Up Premium funding at City Academy Birmingham is given personalised interventions. This will ensure they are successful and achieve a reading age and English grade that is comparable to, or better than their chronological age. There will be 3 dedicated staff working with identified students to offer these initiatives:- Mrs Guice, Miss Ward and Ms Lowell.

There are currently 42 students in year 7 that have been identified as eligible for the Catch Up Premium, with KS2 Scaled Scores of below 100 being estimated to be at 47 of the cohort. This is a lower number than last year as we are below our total capacity of 100 students. This number will fluctuate throughout the year as we rise closer to capacity, so impacting figures. See the table below for the planned allocations of reading/literacy Catch Up Premium for 2018/2019.

**Table 5: Planned allocations of reading/literacy Catch Up Premium 2018/2019**

Total expenditure planned for 2018/2019	Total cost
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Assistant Teachers £15,807pa = £9.35 per hour (level 2) and 19,430pa = £11.49 per hour (level 3). 2 hours per week for 39 weeks a year = £729.30 (level 2) and £896.22 (level 3).	£1625.52 for a level 2 and level 3 Assistant Teacher
Librarian = £15,807pa = £9.35 per hour x 2 hours per week x 39 weeks	£729.30
Toe-by-Toe workbooks	£991.04
Word Wasp workbooks at £20 each	£200
Hornet workbooks at £110 for 10 books	£110
Reading Champion badges and trophies	£103.14
Reading Books	£1000.00
Nando's vouchers	£60
Waterstone's vouchers	£60
<b>Total</b>	<b>£4879.00</b>

## **Numeracy**

There are currently 35 students in year 7 that have been identified as eligible for the Catch Up Premium, with KS2 Scaled Scores of below 100 being estimated to be at 39% of the cohort. The students that require both literacy and numeracy interventions combined are 28 in total representing 31% of the cohort. To drive and enhance numeracy at City Academy Birmingham, the numeracy co-ordinator will embark upon a strategy that will firstly enhance the exposure of numeracy across the school and secondly utilising internal and external resources to enhance the teaching of numeracy. Funding will be used in the following areas:

### **Form Time**

Form time will continue to be an important aspect of the overall numeracy strategy. However, we will buy in 'Mathsbox' which will be used specifically for Form Time activities as it will allow teachers to differentiate the numeracy activity for their form. Furthermore, different types of activities can be chosen – from GCSE revision to puzzles, therefore catering for the needs and different stages of learning for all.

### **Numeracy Logo**

A numeracy logo designed by our students will be used across the school whenever a subject utilises numerical content, for example, when binary numbers are being discussed in Computer Science. This will allow students to recognise the importance of numeracy in all subjects, not just in maths.

### **Numeracy Coach**

Specific training will be provided internally and externally to a dedicated numeracy coach:- Mrs Izzi who already teaches low ability students. She will work closely with the numeracy co-ordinator to use and embed a proven system consistently and methodically to raise levels of numeracy for the weakest in the school. External training providers, such as, Edge Hill University will be used that provide a specific intervention programme for children who have fallen behind at mathematics and need a helping hand to get back on track and catch up with their peers.

### **Assistant Teachers (AT)**

A specific AT – Mrs Guice will work with a small group of 5 students in Year 8 who have not made enough progress from last year. These students will be taken to a separate learning area and will focus on number and calculation; developing children’s numeracy and communication skills and their mathematical thinking.

### **Year 7 Numeracy booklets**

Numeracy booklets will be produced by the dedicated numeracy coach that closes the gap between KS2 and KS3 transitional points. These booklets will tie in with defined National Curriculum outcomes pupils should have achieved at primary level.

### **Resources**

Working alongside the Assistant Teachers, Power of 2 will continue to be used; however, Power of 1 will also be purchased as an additional resource for those finding Power of 2 inaccessible. Other viable resources, such as Numicon and those provided by specialist external training centres will also be accessed which are based on a proven concrete-pictorial-abstract approach in order to understand and explain mathematical concepts.

### **Extra-Curricular Club**

Year 7’s in the lowest maths set will have early intervention – a Numeracy Catch-Up club will be set up utilising Student Leadership. The use of rewards, such as, certificates will introduce an element of competition within this club.

### **UK Maths Challenge**

To increase the exposure of Numeracy across the school, the school will partake in the UK Mathematics Trust (UKMT) maths challenges. This is a registered charity whose aim is to advance the education of children and young people in mathematics. The UKMT organises prestigious national mathematics competitions and other mathematical enrichment activities for 11-18 year old UK school pupils - it hosts the UK’s biggest national maths competitions. The two challenges our school will take part in will be: ‘The Junior Challenge’ which is aimed at students in Year 8 or below and ‘The Intermediate Challenge’ which is aimed at students in Year 11 or below. The top-scoring 40% of participants will get a bronze, silver or gold certificate

and around 1500 of the very highest performers are invited to take part in further competitions.

The strategies deployed will require a whole school effort and ultimately whether they have been successful will be measured by both formative and summative assessments and comparing them to the starting points the students came with.

**Table 6: Planned allocations of numeracy Catch-Up Premium 2018/2019**

<b>Total expenditure planned for 2018/2019</b>	<b>Total cost</b>
Assistant Teachers 1:1 support £15,807pa = £9.35 per hour (level 2) and 19,430pa = £11.49 per hour (level 3). 2 hours per week for 39 weeks a year = £729.30 (level 2) and £896.22 (level 3).	£1625.52 for a level 2 and level 3 Assistant Teacher
Power of 2 workbooks (£17.99 x 15)	£269.85
Plus 1 workbooks (£15.50 x 10)	£155
Mathsbox Resource	£66
Number system Yr 7 (15.96 x 22)	£351.12
UK Maths Challenge/Numeracy Logo: Nando's winners vouchers	£120
Booklets (Unqualified Teacher salary) £21,336pa = £13.89 per hour 50hrs approx. time on booklet & 38hrs on other materials	£1222.32
Training course (Numeracy coach plus one) Edge Hill University	£850
Catch Up Numeracy training (co-ordinator)	£450
<b>Total</b>	<b>£5109.81</b>