



NORTHERN PARADE SCHOOLS



CO-ORDINATOR'S ACTION PLAN 2018 -2019 SUBJECT AREA – MATHS

Current Status	Initial Plan					
Outcome required (What do we want to achieve?)	Action to be taken	Actioned by	When?	Resources	Success Criteria	
					How will we know when we've got there?	Where will we look for evidence?
Secure use of assessment.  <i>EYFS 2018 National: 79% Number</i>  <b>Northern Parade: 78%</b>  <i>KS1 2018 National: 76% ARE+ 22% GD</i>  <b>Northern Parade: 75% ARE+ 7% GD</b>  <i>KS2 2018 National: 76% ARE+ 24% GD</i>  <b>Northern Parade: 59% ARE+ 17% GD</b>	Teachers to use 0-1 QLA at each assessment date	AHT CT	Aut 2 Spr 2 Sum 1	Testbase Excel	<ul style="list-style-type: none"> <li>Teacher assessment will be more accurate throughout the year</li> <li>Teachers will be more confident when making judgements</li> <li>Teachers will have a better understanding of individual pupils' needs</li> <li>Teachers will be able to plan to close gaps for individual pupils and classes</li> <li>Less gaps will arise between year groups</li> <li>Pupils will be secure in the curriculum content of the year</li> <li>78% pupils to reach ARE in all year groups</li> </ul>	Otrack Maths files Monitoring Triangulation SLE Visit reports
	Embed use of interim frameworks and maths attacks	NP/YA Maths project		Project meetings Interim checklist	<ul style="list-style-type: none"> <li>CT and maths lead will use to inform planning and assessment</li> <li>Teachers will use secure fit judgements</li> <li>Teacher assessment will be more accurate and match to assessment data</li> <li>Less gaps will arise between year groups</li> <li>Pupils will be secure in the curriculum content of the year</li> <li>78% pupils to reach ARE in all year groups</li> </ul>	Otrack Maths files Monitoring Triangulation
	Streamline assessment dates	PW/ML		Testbase	<ul style="list-style-type: none"> <li>All year groups will be assessing pupils at the same time</li> <li>Data is used to inform targeting teaching groups before data drops and to secure end of year judgements</li> <li>Data will be consistent across the school</li> <li>Arithmetic papers will have taken place Autumn 2, full assessments in Spring 2 and final full assessment Summer 1</li> <li>78% pupils to reach ARE in all year groups</li> </ul>	Otrack Maths files Monitoring Triangulation
	Raise expectations of end of year assessment data	NP/YA	Sum 2		<ul style="list-style-type: none"> <li>Pupils judged at ARE will attain 80% in arithmetic papers and 70% in reasoning papers in every year group</li> <li>78% pupils to reach ARE in all year groups</li> </ul>	Otrack Maths files Triangulation

<p>Embed Teaching for Mastery.</p> <p><i>EYFS 2018 National: 79% Number</i></p> <p><i>Northern Parade: 78%</i></p> <p><i>KS1 2018 National: 76% ARE+ 22% GD</i></p>	<p>Develop teacher and TA subject knowledge</p>	<p>NP/YA</p>	<p>All year</p>	<p>Cover PDM time INSET</p>	<ul style="list-style-type: none"> <li>• NQTs to attend subject knowledge enhancement course run by maths hub</li> <li>• NP to run teacher/TA subject knowledge enhancement across the year</li> <li>• TAs will be more confident when working with children in class and during intervention boosters</li> <li>• Teachers will be more confident in lessons and when questioning pupils</li> <li>• Create whole school mathematical vocabulary policy</li> <li>• Pupils will benefit from better informed teaching staff and learning will be improved</li> <li>• 100% of teachers and TAs confident in the subject knowledge for the lessons they are teaching</li> <li>• 78% pupils to reach ARE in all year groups</li> </ul>	<p>Otrack Maths files Monitoring Maths policy</p>
<p><i>Northern Parade: 75% ARE+ 7% GD</i></p> <p><i>KS2 2018 National: 76% ARE+ 24% GD</i></p> <p><i>Northern Parade: 59% ARE+ 17% GD</i></p>	<p>Maths project team to have CPD opportunities</p> <p>ES, LF, SM – TRG JA, LL – Lesson Design</p>	<p>NP/YA ES, LF, SM</p>	<p>Half termly</p>	<p>Cover</p>	<ul style="list-style-type: none"> <li>• Teachers will develop own pedagogy and mastery practice</li> <li>• Planning by maths project team will show an increase of mastery pedagogies and principles</li> <li>• Teaching in all year groups will show an increase of mastery pedagogies and principles</li> <li>• Pupils will benefit from more carefully crafted lessons and better-informed teaching</li> <li>• Use <b>variation</b> and <b>stem sentences</b> will be a focus of the training</li> <li>• 78% pupils to reach ARE in all year groups</li> <li>• Maths project team to be judged as good or outstanding (or equivalent) in monitoring process</li> <li>• Higher number of teachers to be judged as good or outstanding (or equivalent) in monitoring process</li> </ul>	<p>Otrack Maths files Monitoring</p>
	<p>Weekly meetings with Maths project</p>	<p>NP/YA Maths project</p>	<p>Weekly</p>	<p>Planning time/space</p>	<ul style="list-style-type: none"> <li>• Lesson design will be developed and small steps will be more evident in daily planning</li> <li>• Project team will have a better understanding of new resources (NCETM PD materials, Maths No Problem)</li> <li>• Project team will develop critical reasoning when planning lessons so that they are aware of what to include and what to leave out when planning</li> <li>• Planning across the school will be more coherent and streamlined</li> <li>• Use of representations will be more concise and be developed to make teaching points and force the pupils to notice key mathematical concepts</li> <li>• Maths project team will be more confident when planning independently</li> <li>• Long- and short-term overviews for each year group will be created and annotated as the year progresses</li> <li>• Curriculum will be restructured to meet the needs of our pupils</li> <li>• Maths project team will take ownership of their year groups and have the opportunity to develop professionally and be accountable for the outcomes in their year groups</li> </ul>	<p>Otrack Maths files Monitoring Staff confidence Meeting notes Overviews</p>

Prepare for multiplication tables testing in 2019 and beyond	New reward scheme created for TT Rockstars	ML/MR	Aut 1	Money Ipads	<ul style="list-style-type: none"> <li>70% of pupils will use TT Rockstars on a regular basis</li> <li>Pupils will show greater recall of facts in maths lessons</li> <li>Assessment data will show 78% of pupils achieving curriculum objectives in LKS2 linking to multiplication facts</li> </ul>	TT Rockstars Otrack Maths files Monitoring
	Staff training on teaching multiplication facts and strategies	NP/YA	Spring 1	PDM time	<ul style="list-style-type: none"> <li>Planning will show time tables teaching taught alongside formal methods in all years 3-6</li> <li>Year 2 planning will show 2 5 and 10 multiplication facts taught conceptually</li> <li>78% of year 2 pupils will be fluent in their 2, 5 and 10 x tables</li> <li>Years 3 and 4 planning will show development of foundational facts to support teaching of other multiplication facts</li> </ul>	TT Rockstars Otrack Maths files Monitoring
	CtG mentor scheme to continue	YA	All year	Time TA support Ipads	<ul style="list-style-type: none"> <li>PP gap will be closed (3%) in all year groups</li> <li>70% of pupils will use TT Rockstars on a regular basis</li> </ul>	TT Rockstars Otrack Maths files Monitoring
	Baseline current Y3 and Y4	LD ML classte achers	Autumn 2	Paper Time TT Rockstars	<ul style="list-style-type: none"> <li>Progress will be seen in recall of multiplication facts for years 3 and 4</li> <li>Assessment data will show 78% of pupils achieving curriculum objectives in LKS2 linking to multiplication facts</li> </ul>	TT Rockstars OTrack Maths files Monitoring
	Assign member of staff to run TT Rockstars in each year group	AHT	Autumn 2	TA support Ipads TT Rockstars	<ul style="list-style-type: none"> <li>70% of pupils will use TT Rockstars on a regular basis</li> <li>Pupils will show greater recall of facts in maths lessons</li> <li>Assessment data will show 78% of pupils achieving curriculum objectives in LKS2 linking to multiplication facts</li> <li>Pupils will be assigned to relevant times tables facts to move their learning forward</li> </ul>	TT Rockstars Otrack Maths files Monitoring

<p>Move KS2 Results in line with National Figures</p> <p><i>KS2 2018 National: 76% ARE+ 24% GD</i></p> <p><i>Northern Parade: 59% ARE+ 17% GD</i></p>	Subject knowledge development for staff	PW NP YA	Autumn term	Time Cover Funding	<ul style="list-style-type: none"> <li>UKS2 staff to attend training day in identified areas of weakness from QLA: <ul style="list-style-type: none"> <li>Fractions, decimals and percentages</li> <li>Application of four operations</li> <li>Measures</li> </ul> </li> <li>Planning of key areas will show conceptual teaching sequence with appropriate use of representations using Numicon guides to support</li> <li>Assessment points will show a greater number of pupils securing understanding in these areas</li> <li>78% of KS2 pupils achieve ARE+ in 2018</li> </ul>	Otrack Maths files Monitoring
	Big Maths used to close gaps in arithmetic	YA NM	Autumn term	BM subscription	<ul style="list-style-type: none"> <li>78%+ of KS2 pupils achieve 80%+ in arithmetic papers by Autumn 2</li> <li>78% of KS2 pupils achieve ARE+ in 2018</li> </ul>	Otrack Maths files Monitoring
	Intervention timetable created with year 6 team	NP YA NM	Autumn term - <i>continued</i>	TAs	<ul style="list-style-type: none"> <li>78%+ of KS2 pupils achieve 80%+ in arithmetic papers by Autumn 2</li> <li>78% of KS2 pupils achieve ARE+ in 2018</li> </ul>	Otrack Maths files Monitoring
	Problem solving to be a key development point across the school	NP/YA Maths project AHTS	All year	Display resources Time	<ul style="list-style-type: none"> <li>Problem solving week to be planned in (Autumn 2) to expose pupils to representations</li> <li>Maths project PDM time to focus on developing reasoning skills using KS2 QLA</li> <li>Development of maths environments to promote problem solving strategies</li> <li>Curriculum maps completed to show opportunities for application across the curriculum</li> <li>Lessons will show opportunities for routine and non-routine problem solving on a daily basis</li> <li>78% of pupils achieving 70%+ on reasoning papers at Summer 2 assessment</li> </ul>	Otrack Maths files Monitoring
	Year 6 staff to have coaching and teaching support	NP JP	All year	Time Cover SLE funding	<ul style="list-style-type: none"> <li>Pupils will show a greater level of engagement in maths lessons</li> <li>Lessons will be more pacy</li> <li>AfL will be used in lessons to move pupils forward and address key misconceptions</li> <li>78% of KS2 pupils achieve ARE+ in 2018</li> </ul>	Otrack Maths files Monitoring Visit reports

Evaluation	Continuing/further actions
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