



**School Improvement Plan
2018-2019**

Cognitive Acceleration

Key lines of enquiry

Parental Engagement

Feedback – Maths

Outstanding teaching

Overall aims:

- Embed the five pillars of cognitive acceleration (concrete preparation, social constructivism, Cognitive conflict, metacognition, bridging)
- To develop staff understanding of the pedagogy of 'Let's Think'/cognitive acceleration.
- To develop children's capacity to use metacognition (understand how they learn)
- Embed a culture of 'growth mindset' within the whole school community
- Embed the let's think principles within all aspects of the curriculum

Strategic Aim	Key tasks	Accountabilities and timescales						Desired impact	
		1	2	3	4	5	6		
Embed the five pillars of cognitive acceleration	<ul style="list-style-type: none"> • Launch of cognitive acceleration at Twilight 1 • Regular observations and feedback • SL to identify opportunities to deepen learning through 'big questions' when looking at MTP and weekly planning • Half termly subject leader pdms to review metacognitive approaches within non core subjects 	ZC							Staff and children will have a deeper understanding of the principles of cognitive acceleration. As a result, children will spend an increasing amount of time 'thinking' and therefore make greater progress.
		SLT	SLT	SLT	SLT	SLT	SLT		
			SL	SL	SL	SL	SL		
			SL	SL	SL	SL	SL		

<p>To develop staff understanding of the pedagogy of 'Let's Think</p>	<ul style="list-style-type: none"> • Twilight focusing on lets think – concentrating on four pillars and launching research teams • Identify staff for let think training (Maths and English, Early years) • Regular follow up through twilight sessions and pdms • Create Triads for all staff (with one fully trained lets think leader in each) • Set up cycle of Triad observations • Lets think core group established • Achieve lets think accreditation 	<p>ZC</p> <p>ZC/HR</p> <p>ZC</p> <p>ZC/VW</p> <p>ZC/VW</p> <p>ZC</p>	<p>ZC</p>	<p>ZC</p>	<p>ZC</p>	<p>ZC</p>	<p>ZC</p>	<p>Children will be able to 'think about their thinking' and explain this clearly, enabling them to move forward in their learning and make good progress as a result.</p>
<p>Embed the lets think principles within all aspects of the curriculum</p>	<ul style="list-style-type: none"> • Create a yearly schedule of lets think teaching for maths end english across the year groups (e.g. fortnightly English year 6) • Half termly planning of lets think lesson embedded within curriculum 	<p>ZC/VW/ KP</p> <p>ZC/VW/ KP</p>	<p>ZC/VW/ KP</p>	<p>ZC/VW/ KP</p>	<p>ZC/VW/ KP</p>	<p>ZC/VW/ KP</p>	<p>ZC/V W/KP</p>	<p>Teaching and learning reflects Let's Think principles across the curriculum, enabling children to make good progress.</p>
<p>To develop the capacity of both staff and children to use metacognition (understand how they learn)</p>	<ul style="list-style-type: none"> • Develop 'metacognition reflection space' for children to actively engage in the process • Celebration of how we learn weekly and the steps we have taken • PDM focused on brain development and metacognition • Develop thought journals in year 6 • Evidence of children 	<p>VW</p> <p>VW/LM /KP</p>		<p>ZC/HR</p>				<p>Children will confidently reflect on approaches to learning and what strategies have the greatest impact on their own learning</p>

	<p>metacognising in books (see Maths and English subject action plans)</p> <ul style="list-style-type: none"> Inset, pdm, twilights focused on five pillars and metacognition Series of parent workshops focuses on brain development and metacognition 	ZC/VW/ KP	ZC/VW/ KP ZC	ZC/VW/ KP	ZC/VW/ KP ZC	ZC/VW /KP	ZC/V W/KP ZC	
Embed a culture of 'growth mindset' within the whole school community	<ul style="list-style-type: none"> Teachers to share 'You are awesome' with own class Effort based praise – link to values Teaching of misconceptions Celebration of mistake making Revisit Ron Berger – AN ethic of excellence 	AStaff	AStaff	AStaff	AStaff	AStaff	AStaff	Children will be challenged through the learning goals set and questions asked, enabling them to develop thinking skills and resilience, establishing a growth mindset attitude and therefore make good progress.