

School-Improvement Action Plan Through School Self Evaluation

School name: St. John Bosco Community College, Kildysart, Co Clare

Roll number: 76075k

Period of Plan: 2017- 2020 (reviewed annually)

Current Academic Year: 2018/2019

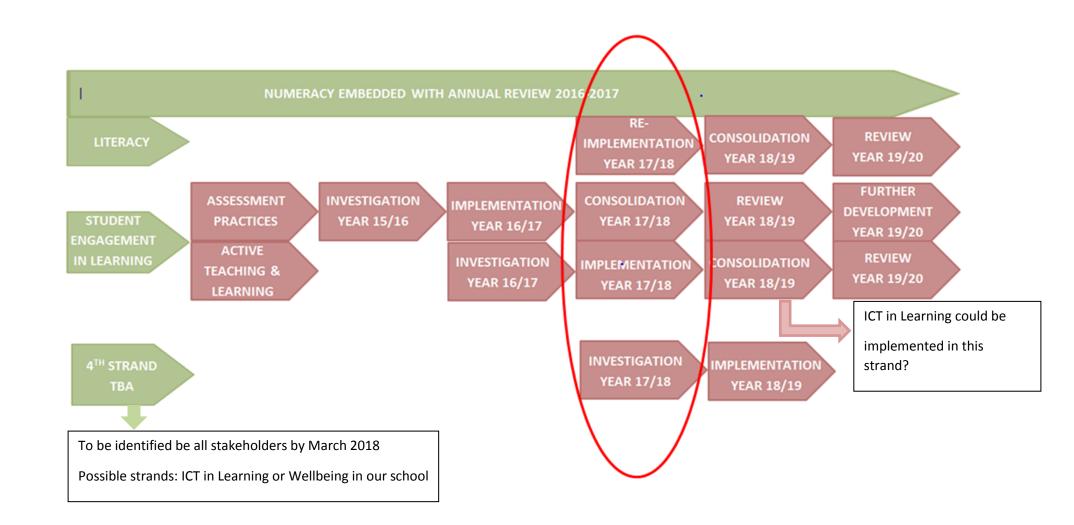
Signed by Board of Management:

Jane Casey (Chair Person)

Denis O'Rourke (Secretary)_____



Our SSE Planning 2017/2020



School-Improvement Action Plan LITERACY

Annual Review September 5th 2018

Date: September 5th 2018

What is working well & how do we know?

☐ Review of the Academic Year 2017/18

- □ What worked well?
- > Data was gathered using the NGRT Tests in October and in May and an interest in Reading Survey was administered in December 2017.
- > Keyword posters were placed in all classrooms
- Literacy was inserted into all teachers' schemes of work which ensured that it was given priority when teachers were designing lesson plans in their subject areas.
- ➤ The D.E.A.R Initiative was implemented in the English classes

☐ Areas for Improvement

- > The explicit teaching of keywords was not implemented at a whole-school level. Not all classes used the keyword boards or explicitly taught the keywords specific to the subject area
- > The D.E.A.R initiative was done in the English classes but as there was no specific allotted time it was not done in the other subject areas.
- > Also not every student has a book in their bag at all times from which to read when they have completed work or have a free class period.
- > Students were not given an incentive to read more as there were no competitions organized or prizes awarded to encourage students to read more

Going forward from here.

- Encouragement of all teachers to teach subject specific keywords. This is to be emphasised at the first staff meeting on August 24th 2018
- In an attempt to increase the comprehension scores of the 2nd year cohort in particular the following strategies are also to be introduced

Use of Think-Pair-Share in all subjects.

Use of graded question stems by teachers in their classes in particular the stem on Comprehension. This is based on Blooms Taxonomy. In addition to the actions above, we will specifically teach reading Strategies to be completed:

- pre-reading
- during reading
- post reading

Each Subject Department will choose one strategy from each stage and use it in class. Students who have a below average comprehension score to be assisted using the continuum of support model

- > Specific reading time to be allotted in class. This is essentially the *D.E.A.R* strategy. Everyone from 1st to 3rd year stops and reads for a period of 10 minutes twice a month. This time slot will be announced over the intercom by the school principal
- ➤ Obtain100% library membership among the 1st and 2nd year Cohorts and encourage regular visits to the school library amongst the 3rd year group
- Reintroduction of the **Book in a Bag.** All students have to have a book/magazine in their bag for use when they have a free period and for D.E.A.R.A list of popular reading material to be sent home to parents via students and midterm reports
- In order to incentivise students to read more they are to be asked to fill in a book review upon completion of a book which will then allow them to partake in a weekly draw. These reviews are then placed on the *Read Wall for all the school to read*. The staff is also encouraged to take part, with the aim of making the school a centre of reading.
- In addition a Literacy board is to be placed in the GP Area so that literacy related topics can be displayed in a public space that is accessible to both students from all year groups and any parents/visitors to the school

LITERACY

Improvement targets:

- Overall targets:
 - 1. Student Learning Experience: Students will maintain or improve their stanine score in passage comprehension
 - **2.** To maintain / improve the percentage of students who read more than one book per month (71%) and to decrease the percentage of students who read less than one book per month from 29% to 25%.over the year.

Actions related to specific targets:

*Inclusion of student wellbeing

Specific targets	Actions to address specific targets	Success criteria*	Who?	Lead responsibility	When?	Resources?
1. Students will	All subjects to teach	Comparison of the test	Josephine Ryan	Josephine Ryan	December	Keywords posters in
maintain or	subject specific	results from the NGRT	Literacy Team	Literacy Team	2018	classrooms
improve their	keywords.	Test forms A (Autumn)			April 2019	
stanine score in		and B (Summer)	Subject Co-Ordinators			Blooms Taxonomy
passage	Use of Think-Pair-Share	administered in			Annually	Question Stems
comprehension	in all subjects.	October and May of	S.E.N Team			
(See NGRT		2017/18 and the NGRT				N.G.R.T test forms A
graph)		Test administered	All subject Teachers			and B
	Use of graded question	again in December and				
	stems based on Blooms	April of 2018/19				
	Taxonomy by teachers .					Subject planning tools
	(See Handout)	Target group is the				PDST
		current 2 nd Year cohort				
	In addition to the	(2018/19)				
	actions above, we will					
	specifically teach	Feedback at				
	reading Strategies to be	Departmental level				

	1	I	1	1		1
	•	from Subject Co-				
	pre-reading	Ordinators and SEN				
	 during reading 	team				
	 post reading 					
	Each Subject					
	Department will choose					
	one strategy from each					
	stage and use it in class.					
	Students who have a					
	below average					
	comprehension score to					
	be assisted using the					
	continuum of support					
	model					
	Literacy targets to be					
	embedded by all					
	teachers into their					
	schemes of work. Each					
	scheme will contain a					
	section on literacy/					
	Learner					
	outcome/experience					
2. To maintain /	Reading time to be	Survey results from a	Josephine Ryan	Josephine Ryan	December	Self-Assessment
improve the	_	Self-Assessment/	Literacy Team	\Literacy Team	2017	Survey online
percentage of	essentially the D.E.A.R	Interest in Reading		-	April 2019	
students who	strategy. Everyone from	Survey conducted with	All subject teachers			Newspapers

	.st _rd .	Land I	 T	
read more than	1 st to 3 rd year stops and	2'' years in December		
	reads for a period of 10			Magazines
· ·	minutes twice a month	, -		
and to decrease		December 2018 to see		Subject specific
the percentage	Obtain100%	if a change has been		reading
of students		noted in reading habits		
who read less	among the 1 st and 2 nd			
than one book	year Cohorts and			
per month from	encourage regular visits	Maintain 100% library		
29% to	to the school library	membership amongst		
25%.over the	amongst the 3 rd year	the 1 st and 2 nd year		
year.	group	cohorts		
	Book in a Bag. All			
	students have to have a			
	book/magazine in their			
	bag for use when they			
	have a free period and			
	for D.E.A.R.			
	A list of popular			
	reading material to be			
	sent home to parents			
	via students and			
	midterm reports			
	Students fill in a book			
	review which allows			
	them to partake in a			
	weekly draw. This			
	reviews are then placed			

		on the Read Wall						
3.								
	toring:							
		e monitored annually.	· · · · · · and		l i il NODT	5 A: D	. 2010	
>		in May 2018 will be re-ex				Form A in Dece	ember 2018 and using	
	•	l 2019 in order to see if tl Assessment survey on Rea	•		-	o nunile are no	w roading for placture	
	The pupil self-P	ASSESSITIETIL SULVEY OIL NEG	dunig will be duminister	eu again in April 2019	to ascertain in mor	e pupils are no	w reading for pleasure	
Overa	all evaluation:							
	We know we will have achieved our targets when we re-run the survey instruments in 2018/2019 and when we have reached the targets outlined.							
	Based on the results of our testing and the survey result a plan of action will be decided upon for the following academic year. These targets are based on an initial three year baseline plan.							
These	targets are base	d on an initial three year	baseline plan.					

NUMERACY

Review of Numeracy SIP for 2015 to 2018

In the numeracy plan from September 2015 to September 2018, the targets 1, 2 and 3 below were set and the actions were taken accordingly over a three year period. Targets were monitored on a yearly basis. In September 2018, the findings were analysed. Target 1, the attitude of maths amongst students has improved from 32% to 57%. This target will be continued and monitored in next SIP plan. Target 2 was closely monitored twice yearly to all first years. Results show thinking, analysing and problem solving has increased from 21% to 51%. This target was collaborated with first year maths teachers. Target 3 was to increase student consistency in the area of fractions and percentages. A whole school approach was implemented using assessment tracker sheet only 28% of students had recorded results in tracker form in their journal. We plan to discuss this with staff and emphasise the use of tracker sheets in staff meeting and increase target percentage of assessment fractions results to percentages using tracker sheets in the next SIP.

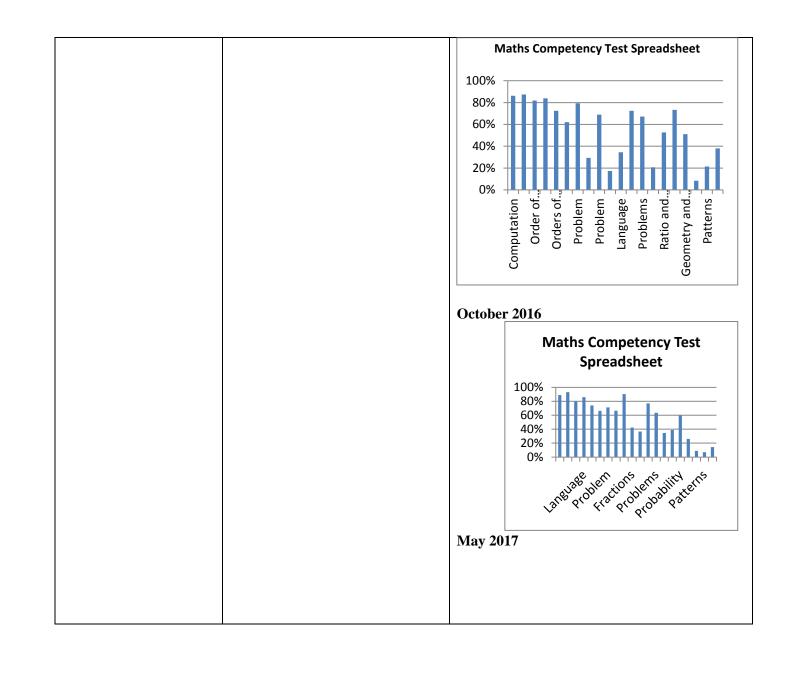
Target 1: To increase the % of students who like maths in first and second year from 32% to 60% by developing a positive attitude towards maths in general and towards numeracy in all subject areas.

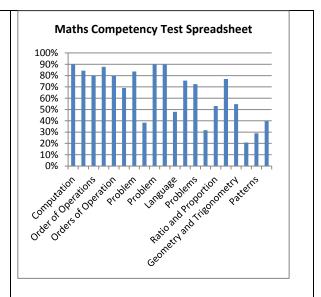
Target 2: To develop a culture of thinking, analysing and problem solving among all of our students and increase the % of first students competent in the area of problem solving from 21 % to 40%.

Target 3: To give the student's greater consistency in the area of fractions and percentages by developing and using a whole school approach and language similar to that used by first year maths teachers.

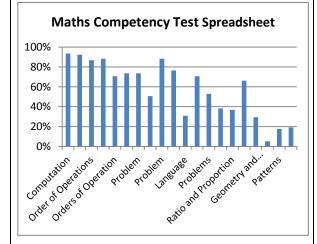
Targets	Actions taken over the 3 year period to improve target	Review after 3 year period
Target 1: To increase the % of students who like maths in first and second year from 32% to 60% by developing a positive attitude towards maths in general and towards numeracy in all subject areas.	 Weekly numeracy puzzles to all school years Math's Eyes Competition Maths Week- fun activities for all student years carried out on a daily basis First year students took part in Irish Junior Math competition Second year and third year students successfully qualified in Irish Olympiad one student in TY achieved ninth place in Ireland Student numeracy committee was set up with TY students where students became actively involved in maths week Teachers were encouraged to put students numeracy on the walls of classroom to create positive whole school response to 	Survey was taken out by 127 students in the school on attitude towards maths. This survey was done 3 years ago as part of a baseline study of target 1. Students who did initial study were included as well as other students Review of survey. Percentage increase of students who like maths has risen from initial 32% to 57%. Although we haven't reached our target of 60%, we will continue to improve attitudes of maths with the previous five actions Q. 1 Attitude to Maths - Please tick the statements you AGREE with 127 responses 1 Islae maths 1 Islam in other s. 1 Islae maths 1 Islam in other s. 1 Islae maths 1 Islam in other s. 2 20 40 60 80

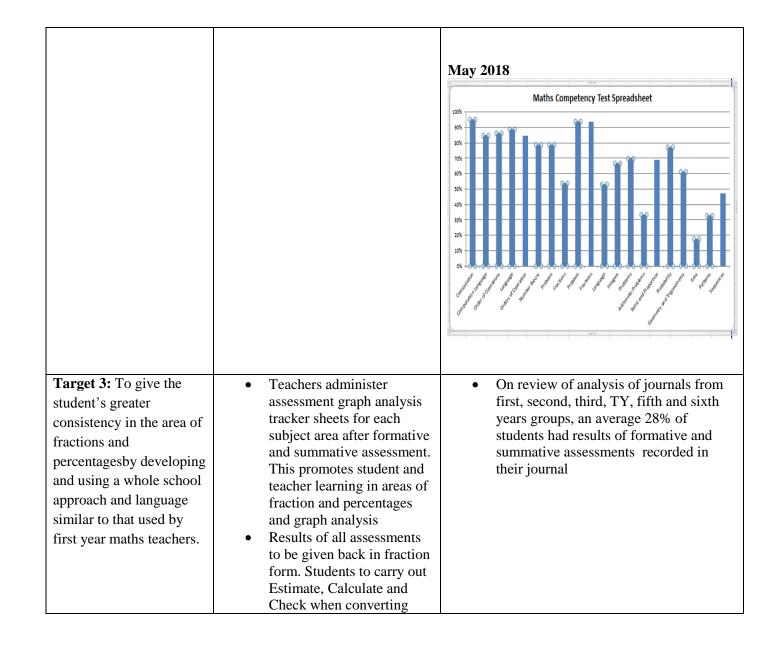
Target 2: To develop a culture of thinking, analysing and problem solving among all of our students and increase the % of first year students competent in the area of problem solving from 21 % to 40%.	 Weekly numeracy puzzles to all school years First year maths competency test was administered to first year students in September and again in May to assess the areas of problem solving issues. Maths teachers incorporated transition 	• First year student competency result have improved. After analysis of results by numeracy team, our target was to improve problem solving questions on algebra, fractions, percentages, decimals and patterns. Problem solving has increased to average of 51% October 2015
	year maths scheme	100% 80% 40% 20% 0% 0% 0% 0% 0% 0/20











	fraction to percentage in all subject areas Tracker sheets were introduced into their journal. Parents use these as a record of assessments during PT meetings		
--	---	--	--

- Teacher and student survey was administered in September 2015 and May 2018 including the same cohort of students. This allowed numeracy department to monitor targets set in SIP and compare results Appendix 4
- As a result of review of SIP from 2015 to 2018, we plan to continue and monitor our three targets and introduce a new target in our next SIP for the following academic year 2018/2019, with emphasis on the following actions
 - 1. Weekly numeracy puzzles to all school years on term rotation. Teacher survey suggests getting students and teachers more involved coming up with the numeracy weekly problems.
 - 2. Math's Eyes Competition- This competition to be run again including all junior years this academic year

- 3. Maths Week- Maths week activates to be decided with student numeracy committee and to get more department involvement
- 4. First year student will take part in Irish junior maths competition and second year and third year students to complete in Olympiad competition.
- 5. Numeracy committee to become a mixture of different cohort of students just not TY. Last year TY were seen to be actively involved in many projects which left them little time to focus on numeracy
- 6. All Teachers will be encouraged to promote numeracy by placing students numeracy work on the classroom walls
- 7. In maths department meeting it was decided to allow extra class work on volume and scientific notation in marking scheme for 5th year and TY students as a result of a review of PDST standardised testing for 3rdYr and TY students
- 8. In maths department meeting it was decided that Maths teachers to place emphasis on more connections between primary and second level maths. The scheme of work in first year maths was suited towards fostering an engagement from the start of 1st year.
- 9. First year students to be assessed in first year maths competency test each year in Sept and May to monitor problem solving amongst our first year student (Target 1) and implement a second year scheme of work
- 10. Second year students to be monitors using standardized Drumcondra maths assessment. Results used to implement a suitable scheme of work and scores can be compared to national average results to be reviewed in further subject meetings- weak students in numeracy to be made aware to staff- results used for target 4 in SIP 2018-2020
- 11. Third year students to perform a standardized third year assessment (PDST) in April/May to assess suitability and scheme of work for TY and Fifth year- results used for target 4 in SIP 2018-2020
- 12. From analysis of both teacher and student survey, the following recommendations will be made at staff meeting 2018
- -Teachers will be encouraged to use tracker assessment sheet
- Teachers will promote students numeracy work on classroom walls
- Teachers will have more involvement in numeracy puzzles and maths weeks to promote positive attitude towards numeracy whole school.

- Maths department will demonstrate to staff a common approach to conversion of fractions to percentages and a poster will be placed in every classroom wall.
- Teachers to be encouraged to give back test results in fraction form
- Teachers to be reminded to use Estimate, Calculate and Check

NUMERACY

SIP for 2018 to 2020

Target 1: To increase the % of students who like maths in first and second year from 32% to 60% by developing a positive attitude towards maths in general and towards numeracy in all subject areas.

Target 2: To develop a culture of thinking, analysing and problem solving among all of our students and increase the % of first students competent in the area of problem solving from 21 % to 60%.

Target 3: To increase student consistency in the area of fractions and percentages from 28% to 70% by developing and using a whole school approach and language similar to that used by first year maths teachers.

Target 4: To increase the number of students in junior cycle higher level maths from a cohort of 30% to 60% of students. To increase the number of students in leaving cert higher level maths from a cohort of 10% to 50% of students

Targets	Actions taken over the 3 year periodto improve	Review after 2 year period
	target	
Target 1: To increase the	 Weekly numeracy puzzles to all school 	
% of students who like	years	
maths in first and second	 Math's Eyes Competition 	
year from 32% to 60% by	 Maths Week- fun activities for all 	

developing a positive attitude towards maths in general and towards numeracy in all subject areas.	 student years carried out on a daily basis First year students took part in Irish Junior Math competition Second year and third year students successfully qualified in Irish Olympiad Student numeracy committee was set up with TY students where students became actively involved in maths week Teachers were encouraged to put students numeracy on the walls of classroom to create positive whole school response to numeracy 	
Target 2: To develop a culture of thinking, analysing and problem solving among all of our students and increase the % of first year students competent in the area of problem solving from 21 % to 40%.	 Weekly numeracy puzzles to all school years First year maths competency test was administered to first year students in September and again in May to assess the areas of problem solving issues. Teachers administer assessment graph 	1.

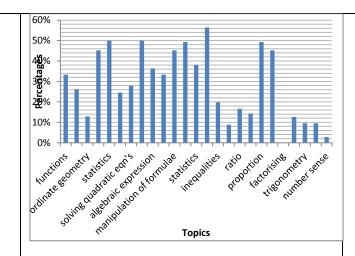
student consistency in the area of fractions and percentages from 28% to 70% by developing and using a whole school approach and language similar to that used by first year maths teachers.	analysis tracker sheets for each subject area after formative and summative assessment. This promotes student and teacher learning in areas of fraction and percentages and graph analysis Results of all assessments to be given back in fraction form. Students to carry out Estimate, Calculate and Check when converting fraction to percentage in all subject areas
Target 4: To increase the number of students in junior cycle higher level maths from a cohort of 30% to 60% of students. To increase the number of students in leaving cert higher level maths from a cohort of 10% to 50% of students	 The previous three targets above will all contribute to target four Second year students in May 2018 were tested using Drumcondra standardised testing. Results are compared to national average. Results were discussed in maths department meeting and scheme of work was adapted to finding for the coming academic year. Through professional diagonal in maths department, it was identified that there was noticeable issue in the classroom with regard to problem solving in the

area of algebra in third year and fifth year maths. The teachers involved decided to introduce an extended algebra program which involved additional number of weeks of algebra and worksheets to both second years and TY students. Algebra is to be integrated into geometry, functions and area and volume.

Third year students were tested using standardised PDST test

The results below are May 2017 where problem had been identified

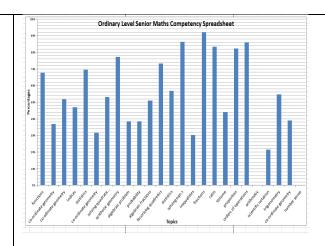
Topics over 50%	Topics under 30%
Statistics	Co-ordinate geometry
	(applications)
Synthetic Geometry	Functions
Factorising	Solving quadratics
quadratics	
Cubed Roots	Inequalities
Proportion	Decimals
	Ratio
	Conversion of units
	0% Finding roots
	Scientific Notation
	Trigonometry
	Number Sense



Scheme of work was based upon these results for following academic year.

Results below show the same cohort of students tested in May 2018 before entry into 5th yr Maths

Topics over 50%	Topics under 30%
Statistics	Scientific Notation
Synthetic Geometry	Volume
Factorising quadratics	Functions
Ratio	Cubed Roots
Proportion	
Solving Equations	
Co Ordinate	
Geometry	



This testing will be repeated in next academic year in May 2019 to Third year students to assess scheme of work to both TY and 5th year students. Results and findings will be discussed at maths department meetings

ACTIVE TEACHING METHODOLIGIES & ASSESSMENT

Annual Review Date: 12/09/18

What is working well & how do we know?

Teachers are using the three chosen Methodologies as they are the ones who trialled and reduced our overall basket of assessment tools to just three in December 2017.

These three methodologies were used from January to May.

Student survey was carried out again in May.

Staff were consulted in start of year meeting in 18/19 and the consensus was to keep up the three Methodologies.

We found unlike our Numeracy Strand, we had very little results from one survey to measure from. We also felt that the content and nature of the survey proved difficult to generate solid evidence from. **STUDENT SURVEY IN APPENDIX**.

Going forward from here.

In line with our digital strategy of bringing ICT into teaching and learning, we want to promote ICT as a digital toolkit in the classroom. We hope to train staff in order to promote confidence with using ICT as a digital tool with assessment for learning.

We hope that this training will create another basket of methodologies for teachers to use.

It is envisaged to allow teachers to sample these digital tools up until Christmas 2018. We will then vote on which ones we find must effective with our students.

Two other methods of measuring success will be used as outlined in the plan below.

ACTIVE TEACHING METHODOLIGIES & ASSESSMENT

Improvement targets:

Overall targets:

1. Student Learning Experience / Teaching methodology: To develop a culture of taking ownership of learning by becoming more responsible for own learning. All of which should flourish in a positive learning atmosphere and enjoyment.

Actions related to specific targets:

Specific targets	Actions to address specific targets	Success criteria*	W h o	Lead responsibility	When?	Resources?
To encourage	Continue to provide four termly reports	Monitoring of students	Year head	LLT Team	Analysis	VSWARE
students to	(summative assessment)	performance.	All teachers	Mr O	of results	Mins of meetings
become more	Continue to make learning intentions clear	 Plotting average 	All junior	Rourke/Ms	and	Student journals.
responsible as	at the start of each lesson.	results of 1 st year	students	Convey	student	BOM
individual	Increase use of formative assessment	students on graph	(Actions)		journals	Prepared
learners by	through	on quarterly basis.	1 st Year		termly	evaluation sheets.
taking	• 2 stars &	 Reduction of non- 	students		Survey bi	Prepared
ownership of	a wish	completion of	(Measuring		annually	questions on
their learning	 Traffic Lights 	classwork/homewo	success)			plickers app.
and fostering a	• Think,Pair,Share	rk notes received				Google surveys
culture of	 Plickers (Promoting ICT as 	on average by a				Collaborative
enjoyment in	an assessment tool)	class of 24 1 st year				practice
learning	,	students in one				Staff meetings

week from (15)	CPD (ICT in
to (8).	classroom)
Survey 1 st year students to	
evaluate:	
• Their	
understanding of	
learning intentions	
within the	
classroom.	
If they reach these	
learning intentions	
What success	
criteria they use to	
establish this.	

Monitoring:

- Both student and staff surveys will be used to monitor increased participation and engagement in students own learning in class.
- These surveys along with feedback from Year head, SST, Parent Teacher and Staff meetings will be used to monitor the attitude towards learning and teaching while trailing these active teaching methodologies.
- All of the above will be reviewed bi-annually. Sept-Dec and Jan-May.
- Teaching staff will be provided with feedback from all surveys and analysis of average grade performance to establish if average is maintained or improved.

Overall evaluation:

• Following analysis of the above methods of evaluation we can reflect on:

How further to deepen student awareness of own learning.

How to further encourage them to connect with their own learning.

How to further increase enjoyment of learning.