

2023 - Analysis of Variance

School Name:	The Catlins Area School	School Number:	0394					
Strategic Aim:	GOAL 1: All ākonga/ students will be engaged with high-quality learning opportunities and progress and achieve to their highest possible educational potential.							
Annual Aim:	 Kaiako/teachers will be confident the Kaiako/teachers will be designing processing alternative in the Kaiako/teachers will be confident in Mid-year and end-of-year assessmed. NCEA ākonga/students are engaged. NCEA ākonga/students will continue. Kaiako/teachers will be involved in a Wellbeing. The SW-PB4L systems will be responsincreased recording of both support. 	 Classes will show improved engagement and achievement in reading, writing, and mathematics. Kaiako/teachers will be confident that they are meeting the needs of all ākonga/students in their classes Kaiako/teachers will be designing programmes of learning that provide high-quality learning opportunities for ākonga/students and their planning for all students will be accessible and visible Kaiako/teachers will be confident in moderation processes and making accurate OTJ for reading, writing and mathematics Mid-year and end-of-year assessments will show acceleration in tier 2 ākonga/student achievement. NCEA ākonga/students are engaged in programmes of learning that connect with future educational and career pathways NCEA ākonga/students will continue to show an increase in achievement at the merit and excellence level Kaiako/teachers will be involved in a meaningful PGC to improve their practice 						
Target:	There will be a decrease in the num Teaching & Learning	There will be a decrease in the number of referrals to the Kāhui Ako – Big River councillor Teaching & Learning						
	 Assessment data for reading, writing, and mathematics analysed by year group, gender, and ethnicity for reading writing and mathematics for ākonga/students in years 1-10 at the end of each term Year-long Acceleration data for reading, writing, and mathematics NCEA assessment data will be monitored at each NCEA level for achievement, merit & excellence 							

NCEA assessment data will be linked to identified courses rather than individual standards

Wellbeing

- SW-PB4L data behaviour, supports, and positive (TCAS Way) will be analysed by year group, gender, and ethnicity
- Attendance will be monitored each term as an overall percentage

Baseline Data:

Teaching & Learning Data

Year 1-10 Results

TABLE 1: The Percentage of Students at or above the required NZC level for Reading, Writing & Mathematics

		Reading			Writing		M	athemati	CS
	2021	2022	2023	2021	2022	2023	2021	2022	2023
All Students	58%	71%	71%	50%	62%	69%	41%	56%	64%
Female	67%	78%	82%	56%	72%	84%	38%	59%	59%
Male	48%	64%	62%	38%	50%	57%	48%	50%	68%
Māori /Pacifika	63%	58%		44%	62%		38%	32%	
Māori			85%			92%			46%
Pacifika			43%			29%			14%
Other	57%	73%	75%	57%	61%	69%	43%	66%	72%
Ethnicities									

TABLE 2: Year 1-10% Acceleration Data – Students who have made accelerated progress from Term 1 – Term 4

	Regressed		Insufficient		Expected		Accelerated	
	2022	2023	2022	2022 2023		2023	2022	2023
Reading	0%	1%	21%	26%	61%	43%	8%	30%
Writing	4%	0%	30%	50%	53%	38%	13%	8%
Mathematics	8%	7%	32%	25%	45%	40%	14%	29%

NCEA Results

TABLE 3: The % of students achieving L2 and L3

	2021	2022	2023
Level 2	100%	100%	80%
Level 3	100%	50%	66.7%

Wellbeing Data

TABLE 4: The number of behavioural pastoral notifications as recorded in Kamar (2021) and Edge (2022, 2023)

Years	2021	2022	2023
1-6	72	144	192
7-10	153	289	288
11-13	39	126	177
Total	264	559	651

• Data specific to year level, gender and ethnicity will be included from 2024 onward

TABLE 5: The % of students falling into each pastoral notification category e.g., PB4L stages of intervention.

No. of Notifications	2021	2022	2023
0-1	70	22	19
2-5	14	29	26
5+	15	28	25

TABLE 6: The % of students above 80% attendance at the end of each year recorded

2021	2022	2023
93%	75%	71%

Actions What did we do?	Outcomes What happened?	Reasons for the variance Why did it happen?	Evaluation Where to next?
 DP Teaching & Learning and the lead teacher for structured literacy have undertaken bespoke PLD on the IDEAL system via the Big River Kāhui Ako. Two teachers are taking responsibility for the improvement of mathematics teaching within the school and both are engaged with the Big River Kāhui Ako mathematics PLD. All teachers have been signed up to the Assessment for Learning (AfL) online PLD via the Big River Kāhui Ako. Secondary students have been involved in a course confirmation hui with caregivers to ensure that programmes of learning meet the needs of future educational aspirations. Gateway (Work experience) students have been reduced from 17 to 3. This has occurred due to a shift from making Gateway compulsory for all NCEA students to it being an opt-in programme. Two students are attending Otago Polytech on a Friday as part of the Secondary Tertiary Programme. Evaluation Associates have been 	 Overall increase in writing (7%) and maths (8%) results across the school for years 1 to 10 students. Reading results across the school for years 1 to 10 students have remained the same. Māori students are achieving better than all students in reading (85%) and writing (92%). Māori students are achieving well below all students in mathematics(46%). Pasifika students are not achieving as expected in reading (43%), writing (29%), and mathematics (14%). There is a disparity between males and females in reading and writing with females achieving better results than males. Males are now achieving better than females in mathematics which is a change from 2022 when females were achieving better than males. 7% of students regressed in maths in 2023. Many students made insufficient progress in reading (26%) and mathematics (25%). 	 During 2023 TCAS engaged in specific PLD through the Big River Kāhui Ako for structured literacy and mathematics. The increase in number of Pasifika students has allowed data for Māori and Pasifika students to be analysed separately in 2023. There is anecdotal evidence that some Māori students do not believe that they can achieve well in mathematics and this is likely connected to their low achievement in maths. Our Pasifika students are identified as ESOL and their literacy challenges are connected to their low achievement. Regression in mathematics occurred for some students due to a change of teachers in classes and the need to improve moderation practices. There continues to be a gender difference in achievement in reading, writing and mathematics. This is likely caused as a result of historic gender bias that has impacted on student self-efficacy. 	 Continue to improve assessment practices across years 1-10 for reading, writing and mathematics Continue to improve teacher competency in assessment literacy and the analysis and use of data to design effective teaching programmes Continue to improve moderation processes for reading, writing and mathematics Embed the 3-tier system of learning support and report, track and analyse the achievement of students in each tier. Continue to develop finer assessment processes for tier 2 and tier 3 interventions so the effectiveness of interventions can be measured. Embed the use of assessment data and SMS reporting to identify and allocate students to the appropriate Learning Support Tiers allowing for supports to be implemented earlier in the year

- approached to undertake a bespoke Leading Adult Learners course for the principal, 2 DPs, the Kāhui Ako Within School Lead, and the Specialist Classroom Teacher.
- Localised curriculum PLD with Chic Foote focussed on the continued development of the curriculum and the Curriculum Refresh will be included moving forward. A scaffolded approach to building teacher capacity to plan a concept-based, responsive, inclusive, and integrated curriculum will occur through the use of rubrics. The development of a school-wide planning system that iterates on the planning format from 2022 has also commenced.
- All teachers engaged in after-school PLD with the Kāhui Ako Big River in week 7. A PLD group on AfL was run at The Catlins Area School.
- Structured Literacy support and PLD through the Kāhui Ako Big River has continued.
- Mathematics PLD has continued through the Kāhui Ako Big River.
- Assessments for English Language Learners (ELL) have been undertaken to gain access to The Learning Village programmes and to submit applications for ESOL support through the Ministry of Education.

- A significant number of students (50%) made insufficient progress in writing.
- Many students showed accelerated progress in reading (30%) and mathematics (29%).
- 80% of students passed NCEA Level 2 and 66.7% passed NCEA Level 3.
- The number of SMS entries increased for cohorts in years 1 to 6 and in years 11 to 13 and remained stable for the year 7 to 10 cohort.
- There has been a decrease in the number of students falling into each of the PB4L categories.
- The percentage of students with attendance over 80% has dropped for the second year in a row, from 75% to 71%.

- Platform) and mathematics have been a focus of teacher PLD and improvement in teacher practice this is reflected in the accelerated achievement in reading and mathematics.
- There are low numbers of NCEA students that impact the achievement percentages.
- The two Students (1 x Y12, 1 x Y13) who did not pass their respective NCEA were school leavers who did not have NCEA achievement as a goal.
- Pastoral incidents continue to be entered in the SMS allowing for better management of incidents.
- There are now well-established systems for entering supports provided to students and this has allowed an improvement in behavioural incidents for many students.
- In 2023 rewards were entered into the SMS and this now provides an opportunity for positive behaviour to become a focus.
- Covid, whānau illness, strikes and an increase in term-time international travel had an impact on attendance.
- The communication of attendance expectations for

- Continue to target students with specific evidence-based interventions such as SL.
- Continue the development of school-wide expectations for assessment, planning and moderation
- Continual encouragement of meaningful pastoral entries in SMS and the recording of supports.
- Report regularly to the board on pastoral information for behaviour, support, and rewards for all students, genders, ethnicities, and learning support tiers.
- Continue to embed the TCAS
 Way reward system and improve
 communication with ākonga,
 kaiako and whānau regarding
 progress.
- Work more closely with the attendance service through the Kāhui Ako to implement effective interventions that will make a difference to student attendance.
- Work with the SMS to suggest area school-specific attendance for when the school is closed to specific year groups to improve the impact of this on overall attendance data.

- A new weekly classroom reward that links to the TCAS Way has been implemented.
 The DP Teaching & Learning and the Principal have attended workshops about the Curriculum Refresh to develop a programme for the TOD at the beginning of term 2.
 Draft job descriptions for whānau teachers and deans have been developed and these should be finalised before the next board
- Ākonga continue to be referred to the Kāhui Ako Big River counsellor as required.
- Kaiako have completed classroom profiles that identify tier 1, 2 & 3 learners and have indicated what they will be doing to meet the needs of these students.
- Kaiako have continued to engage with PLD for structured literacy via the Kāhui Ako - Big River.
- Two teachers have continued to engage with mathematics PLD via the Kāhui Ako - Big River.
- A teacher aide has been employed to implement The Learning Village with two ELL students.
- Teachers have been engaging with the online AfL PLD through the Kāhui Ako and the within-school lead has been facilitating this within the school.

- students of concern improved attendance for some students, however, it did not have an impact on those students whose attendance was a significant concern.
- Out-of-zone students without bus exemptions continued to contribute to attendance issues.
- Embed systems for tracking attendance that include early communication with whānau, and the development of support plans with whānau.

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	Kaiako have used achievement data
t	to engage in the PGC via a learning
5	sprint that focuses on improving
ē	achievement for a specific student
(or students.
• k	Kaiako have engaged with
f	facilitated PLD on the curriculum
r	refresh and they have identified the
	alignment of the school's vision,
	values and current strategic plan
	with this.
	Five school leaders have
	participated in the first of four
	•
	facilitated sessions on Leading Adult
	Learning.
	Dean and whānau job descriptions
	nave been developed and are
	waiting to be formatted by HR.
	Гhe Kāhui Ako Big River counsellor
i	s continuing to see students
١ ١	weekly.
• 7	The three-tier structure for learning
5	support has been implemented.
•	ndividual Education plans
	renamed support plans) have been
	created for specific tier 2 and tier 3
	students. These have been used as
	the basis of referrals for some to
	external agencies.
	The teacher responsible for ELL and
	the teacher aide allocated to The
	Learning Village have attended the
	Ministry of Education PLD for ELL.
	There has been continued
	development of the concept-based

I	curriculum with the PLD provider
	Chic Foote onsite for two days to
	work with the Principal and DP
	Teaching & Learning. The focus of
	the PLD was to consolidate the
	foundations for the localised
	curriculum and create a plan for
	connecting teachers more
	specifically with the PLD.
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- '	• Teacher planning software has been
	identified and the set-up has
	occurred for a trial in term 3.
_ '	There is an ongoing embedding of a
	consistent approach to the teaching
	of structured literacy.
_ •	 There has been engagement with
	the Assessment for Learning (AfL)
	PLD by many teachers with a
	successful professional learning
	group being held at school twice a
	term.
- -	 PLD facilitator Deirdre McCracken
	has been in school observing
	teachers in classes.
	 Reading and mathematics
	moderation has been undertaken
	for teachers in Y1-10.
	 There has been a second session
- [with Deirdre McCracken for five
	teachers who are engaged with the
	Leading Adult Learning Programme.
- [There has been a reconnection with
	teachers and teacher aides with the
	Zones of Regulation work.
Ŀ	 The DP for Wellbeing has

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undertaken Professional learning on		
the EDGE-SMS with a focus on the		
recording and monitoring of		
positive behaviours.		
The three-tier structure for learning		
support has been implemented.		
Individual Education plans		
(renamed support plans) have been		
created for specific tier 2 and tier 3		
students. These have been used as		
the basis of referrals for some to		
external agencies.		
There has been continued		
development of the localised		
curriculum through the regionally		
allocated PLD that has been		
facilitated by Chic Foote.		
There has been a greater		
recognition by teachers of the need		
to plan based on a term concept.		
Teachers have asked to be included		
in the development of the concepts		
for 2024 and this is seen as a		
greater buy-in by teachers of this		
work.		
 Some teachers are considering the 		
Envor-Schools status of the school		
and are engaging with external		
providers.		
 Planning software is continuing to 		
be investigated. Many teachers are		
seeing the use of Google Docs with		
common planning to be		
cumbersome and difficult to use so		
different options are being		

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investigated.		
Planning software will be examined		
from a cost-benefit analysis. It is		
expensive and will only be of		
benefit if teachers are prepared to		
use it to improve the quality of their		
planning.		
 There is a continued connection 		
with the Big River Kāhui Ako which		
is based on improving teacher		
practice. This is specifically through		
PLD opportunities in structured		
literacy, mathematics, and		
assessment for learning.		
 A meaningful professional growth 		
cycle has been developed,		
documented and communicated to		
all teachers. A relief teacher has		
been employed to provide a release		
for teachers so that they can attend		
PGC professional conversation hui		
and be observed teaching.		
 Five teachers continue to be 		
connected to the Leading Adult		
Learning PLD and through this are		
developing their capacity to lead		
the learning of others.		
 There continue to be high 		
expectations of teachers towards		
students and an improvement in		
student achievement across the		
school.		
 There has been an improvement in 		
teacher understanding of the		
behaviour system and the recording		

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of behaviours and closing these or		
referring them to the appropriate		
person for action - this is in the		
early stages and is already seeing		
the benefit of clarity and student		
behaviour not being overlooked.		
There has been targeted PLD on		
restorative practices in kaiako hui		
and this has increased the use of		
this as a process at the classroom		
level.		
Attendance has continued to be a		
focus with the refinement of		
responsibilities and reporting being		
discussed by the Senior leadership		
team and teachers.		
 There is a need to develop a specific 		
programme using attendance and		
engagement funding to improve the		
attendance of target students.		
There are new graphics for the		
behaviour management system and		
they continue to be reviewed and		
refined during a process of		
continual improvement.		
A review of our involvement with		
Enviroschools has been completed		
with the Enviroschools co-ordinator.		
The curriculum review process has		
commenced and teachers have		
collaborated to document the		
achievement objectives that they		
have taught in their classrooms this		
year. The next steps are to take this		
collaborative document and review		

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in professionalism amongst those	I	
involved and a greater skill level in		
their ability to facilitate the learning		
of others.		
The school has now been included		
in the Min. Ed. PB4L-Restorative		
practices programme. The DP of		
Wellbeing and I have met with the		
facilitator Rich Matla. This		
programme will be a main part of		
the focus for our kura and wellbeing		
next year.		
A new counsellor has been		
employed by the Kāhui Ako - Big		
River and they commenced work in		
our kura this term. The counsellor is		
in our kura one and a half days a		
fortnight.		
A system for recording the		
TCAS-Way reward data has been		
developed in SMS-EDGE. Data is		
now able to more easily be		
analysed for year, gender, and		
ethnicity.		
Our PLD facilitator Chic Foote was		
present at the curriculum		
teacher-only day in term 4.		
Teachers were taken on a journey		
to connect Te Mātaiaho: The		
Refreshed New Zealand Curriculum		
with our localised curriculum. It was		
identified that the primary		
teachers, in particular, were not		
familiar with many of the learning		
areas within the NZ curriculum.		

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A curriculum review was		
undertaken that identified the next		
steps in our journey to develop a		
responsive localised curriculum,		
this included mapping out the		
learning area focus for each term		
and connecting teachers with the		
achievement objectives from the		
learning areas that connected best		
with the term-long concept.		
 The year-long curriculum plan with 		
term-long concepts.		
 A curriculum plan for our term 1 		
concept of Kotahitanga has been		
developed with and for staff that		
will be the foundation for designing		
term 1 programmes of learning.		
 The school-wide planning templates 		
have been updated.		
 Kāhui Ako PLD for structured 		
literacy and mathematics has		
continued this year.		
The English Language Learner		
intervention of the Learning Village		
will continue to be funded by MOE		
in term 1 2024.		
A schedule for moderation is in		
draft form. The intention is for the		
moderation of reading, writing, and		
mathematics to be an ongoing		
process next year that is informed		
by data.		
The teacher responsible for		
future-focused learning (FFL)		
created a video with students that		

was displayed at Te Pōu o Mata Au
as part of the FFL programme.

- The Leading Adult Learning PLD has been completed by 5 teachers and all have benefited from this focus on developing their leadership skills.
- A new counsellor was appointed this term and students have continued to benefit from this Kāhui Ako initiative.
- The new system for reward data has been implemented and will be further fine-tuned in 2024 so that reward data can be used to drive initiatives within the school.

Planning for next year:

- Continue to use Schooling by Design (SbD) model to focus all functions within the school on the vision CONNECT, LEARN, GROW.
- Continue to development and embed the localised curriculum that connects teachers with the NZC and effective teaching practice, and allows for alignment across learning areas and curriculum levels.
- Continue improvement of aligned assessment and moderation processes for years 1 to 10.
- Embedding of the three-tier learning support structure
- Embedding of the professional growth cycle so that teachers use teaching as inquiry to develop their teaching practice, become familiar with evidence-based practice (EBP), and inquire into whether their current practice is effective.
- Continue to improve the recording and analysis of pastoral, support, and reward data so that targeted well-being interventions can be implemented.
- Continue to design and implement an attendance system that identifie students, connects whānau, and focuses on effective attendance interventions to improve attendance.
- Continue to embed restorative practices across the school through engagement with the SW-PB4L Restoratvie Practices PLD.

Strategic Aim:	GOAL 2: The Catlins Area School will develop and embed the new vision and values to reflect the aspirations of ākonga, kaiako, whānau and the community
Annual Aim:	 The school vision TCAS Way will be visible around the school and community, and ākonga/students, kaiako/teachers, whānau/family, and the community will know and explain how it relates to the pepeha imaging. The language of the school vision and The TCAS Way will be prevalent in the community The wider community will feel more connected to The Catlins Area School and there will be positive conversations in the community concerning the school.
Target:	Not Applicable
Baseline Data:	Not Applicable

Actions What did we do?	Outcomes What happened?	Reasons for the variance Why did it happen?	Evaluation Where to next?
 The senior leadership team undertook the leadership review of 2022 through the lens of the new school vision of Connect, Learn, Grow The schooling by design model which was developed through the lenses of the new visions is being used to drive the development of systems within the school A draft graphic of the new school vision has been completed There has been a continued focus on the SbD as a framework for embedding the school vision in ways of working for teachers School leaders have been continuing to use the SbD system to develop systems within the 	 The Schooling by design model was used to focus Kaiako Hui and align initiatives with the CONNECT, LEARN, GROW Vision New branding with the school vision was developed. Community consultation was undertaken to inform the new strategic plan and this used the CONNECT, LEARN, GROW vision as the foundation Strategic goals were developed for the 2024-25 vision that sign with the vision. 	The board decided to implement a 2-year interim strategic plan for 2024-25 in order to align the plan with the School Board election cycle.	There are no next steps identified for this goal.

ı	school and specifically the
	structure and focus of kaiako hui.
	• A new visual for the TCAS Way
	has been created.
	Teachers have been provided with
`	A3 copies of both the Strategic
	Vision and the TCAS Way to put
	up in their classrooms and discuss
	with their students
١.	Consultation with students used
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1.	the school vision as a focus
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	be embedded through Schooling
	by Design. There is a clear link to
	the school vision at each Kaiako
	Hui. The use of this throughout
	the year has helped teachers to
	connect more meaningfully with
	the new vision.
١ •	There is ongoing consultation
	with students, teachers and the
	school community using the
	school vision as a focus.
•	 The school graphic designers have
	provided new logos with the
	school vision for consideration.
	Once the new logo is finalised
	other branding can be completed.
•	The graphic designer has now
	completed the refresh of the
	school logo and other branding.
•	This new branding with the new
	school vision of Connect, Learn, &
	Grow will be rolled out next year
	with clear guidelines for use.

developed for 2024-25 which is a direct reflection of the school vision. This will help to embed the vision across the school in future years.	direct reflection of the school vision. This will help to embed the vision across the school in future		
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Planning for next year:

Not applicable - New Strategic Plan

Strategic Aim:	GOAL 3: The Catlins Area School will streamline and future-proof systems within the school to meet legal and professional requirements
Annual Aim:	 Kaiako/teachers will be confident and competent in their use of school systems. There will be an increase in engagement of the community, whānau/family, and ākonga/students and a genuine valuing of their perspectives by the school. All kaiako/teachers will know their roles and the roles of others and be clear on responsibilities and accountabilities. Review will be embedded as a positive process to implement meaningful changes. School Policies will be seen as the key documents of governance within the school. All kaiako/teachers will be engaged with the professional growth cycle. All kaiako/teachers will be respectful of privacy and confidentiality.
Target:	Not applicable
Baseline Data:	Not applicable

Actions What did we do?	Outcomes What happened?	Reasons for the variance Why did it happen?	Evaluation Where to next?
 There has been an update to the EOTC systems that has been documented via the staff website A consultation process for reviewing and updating job descriptions for all staff has commenced Deputy Principal job descriptions are in draft form and should be finalised by the next board meeting Meetings with administration staff have occurred so that job descriptions can be co-constructed to better reflect the actual work undertaken and 	 Systems across the school how been embedded There has conintiued to be an improved connection of systems within the school with the relevant policies There continues to be systematic review of administrative, teaching & learning, and wellbeing systems within the school The Professional Growth Cycle (PGC) has been refreshed, implemented, and completed by all teaching staff Apprasials of support staff now occur yearly and involve 	The systems to ensure privacy and confidentiality have been developed and their is a greater understanding by kaiako.	There is a need for the understanding of confidentiality and privacy within a school to be spread more widely including to the parent community.

the level of responsibilities as outlined in the support staff work matrix. Reviews have been ongoing and include: the mid-term curriculum, library, kāhui ako, and the magazine Consultation with the deputy principals and some support staff has occurred regarding job descriptions and these are ready to be formatted A system for assurances has been implemented with the board representative on the assurances committee Reviews have been ongoing including a review of the behaviour management system Professional conversation regarding professionalism are ongoing with staff Reviews continue to be a focus for change management. Professional conversations regarding professionalism and privacy are ongoing with staff There are ongoing and continual reviews of all systems within the school. Reviews of key systems are still occurring on an as-needed basis. The professional growth cycle (PGC) for teachers has been documented and implemented.	of growth. • Job descriptions have been		
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	This has worked well and
	responsibility for managing this
	has been distributed to the Kāhui
	Ako Within School Lead (WSL)
	and the Specialist Classroom
	Teacher (SCT).
	Appraisals for all support staff
	have been completed. Job
	descriptions were updated and
	confirmed as part of this process.
•	Teachers have completed their
	PGC and many have commented
	about how it has been a positive
	experience and has improved
	their practice.
	There has been a noticeable shift
	in the professionalism of teachers
	across the school as policies are
	used to inform actions.

Planning for next year:

• Ensure that all teachers are clear on their responsibilities regarding the privacy of information and that this requirement of schools is also communicated to the wider community.