

POINT CHEVALIER SCHOOLS THINKING INFUSION AND LEARNING DISCOVERY PATHWAYS

*Presentation for Rising Tides Conference
Friday 4th August 2006*

By Jo Gregory-Vince

Point Chevalier Primary School

joannag@ptchev.school.nz



INSIDE A TEACHERS HEAD...



“I’m an expert at multitasking. I can digest food, grow hair, circulate blood, repair cells, make saliva, breathe, blink, walk and talk, all at the same time!”

POINT CHEVALIER SCHOOL

-Progress with Honour-

- Decile 7
- 590 children
- Contributing Y0-6 Primary School
- 79% NZ European/ Pakeha, 9% Maori, 4% Samoan, 3% Indian, 3% Chinese, 1% Cook Island and 1% Tongan
- Vision – Quality Teaching, Quality Information, Quality Resources and Quality Relationships



"Me mahi tatou, Kia kaha te iwi"
"Together we work, To strengthen all people"



PART.1 - THE ROAD AHEAD

- GATE school wide review 2004 and ongoing
- Responses to ministry requirement for NAG 1 as of January 2005
- Awareness that staff need to be up skilled in GATE and HOTS. Establishment of Lead Teachers at each year level.
- A need to create a common language across all levels/areas of the school in relation to GATE.



GATE LEAD TEACHERS

- Team Solutions Gifted Education Professional Development Programme facilitated by Elaine LeSueur and Deborah Heasman.
- This programme was a year long intensive PD option.
- This programme consisted of 3 professional development cluster days and 2-3 in-school facilitator visits.



A STAFF PERSPECTIVE OF IDENTIFIED NEEDS IN GIFTED EDUCATION AT PT CHEV



- Facilitated a number of in-house staff development sessions in staff meetings to revise our current practice and create a plan for our school needs/priorities for gifted and talented education.
- Main discussion arose around a shared vision and definition.
 - Teachers as questioners to challenge children's thinking and reflect at a higher level*
 - Children have the buy in factor, choices and own their pathways to learning*
 - Focus on quality and student achievement as well as quantity*



GATE SHARED VISION

Our vision of Gifted and Talented Education at Point Chevalier School is to facilitate opportunities in all classroom programmes to scaffold and extend out G+T learners and to also create opportunities for groups of children, to inspire and encourage their individual needs with specialised facilitators / experts.

(Discuss how important it is to have a vision)



GATE DEFINITION

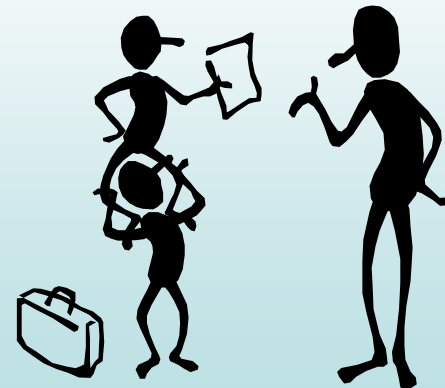
We believe that Gifted and Talented learners possess a heightened sense of critical and creative reasoning and emotional intelligence which allows them to achieve higher levels of thinking and performance in relation to their peers.

We shall strive to cater to all children's individual needs in our classroom programmes by providing a challenging environment using a variety of thinking theories and tools, to instigate opportunities for children with a specialised interest, gift or talent, to advance their current achievement levels.

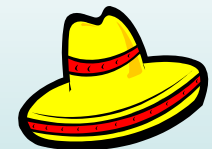


TALKING PARTNERS (3 MINS)

- What stage are you at on the pathway for Gifted and Talented provision at your school.
- What is your schools vision / definition?
- What are your personal beliefs about GATE in your classroom practice as a teacher?



THINKING INFUSION



Whole school development of the following theory (2004):

- De Bono's six hats / six cats
- Blooms
- Graphic Organisers



LEARNING DISCOVERY PATHWAYS

Establishment of Learning Discovery Teams 2005

- ENP and it's effect on student achievement Y1
- Habits Of Mind in the Junior School and transitioning from kindergarten Y0
- Habits of Mind Y4-6
- Thinkers Keys Y5-6
- De Bono Theory Y2-3



INTRAPERSONAL THINKING

(5 MINUTES)

- What Higher Order Thinking Skills do you currently use? Where would you go next?



- What theory would you like to have the opportunity to explore in more detail?

SPECIALISED TEACHERS

EXPERTS THAT CAN EXTEND CHILDREN

2005 – Specialised Health and PE

Took all classes once a week

Sports Academy groups working with Lead Teacher and Doe Williams

2005 – 2006 – Specialised Lead Teacher of Music, Dance and Drama

Band A and Band B

School Productions

Specialised Drama/Dance/Music groups

2006 – Specialised ICT

All classes Y4-6 are ICT integrated e.g. 6 computers in all classes.

ICT support in class and modelling in the ICT Lab. Focus on ICT infusion in classroom programmes daily.

ICT withdrawal group focusing on Moviemaking, News group, school magazine.

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TALENT EXPLORATION GROUPS

- Environmental club – Bronze award and Enviro Maori [vege garden](#)
- Visual Arts Mosaic projects – Team mosaics, plant pots and enviro vege garden pathway
- Year 5/6 Music collaboration with the [Auckland City Art Gallery](#)
- Year 5/6 Music collaboration with Kiwi Capers with Auckland Philharmonic at the Aotea Centre
- Sports Academy – Doe Williams



HIGHER ORDER THINKING STRATEGIES USED IN 2005 AND BEYOND

- De Bono's 6 Hats / 6 Cats
- Blooms – Journal templates
- Tony Ryan's Thinkers Keys
- Art Costa's 16 Habits of Mind
- Multiple Intelligences
- Graphic Organisers



BRAINSTORMING

(JUNIOR FOCUS)

- International rules of [Brainstorming](#)
- Brain bubbles by Robyn Boswell (Activity)
- Brainstorming as a group / individuals with quick fire lists



DE BONO'S 6 HATS/CATS

- Excellent to promote Oral Language – Use of small hats/cats in class for incidentals and explanations
- Written Language – [Holiday example](#) and [Picture book example](#)
- Visual Language – [Master templates](#)
- [Fabulous Thinkers Award](#)



HABITS OF MIND

- School wide focus in 2005.
- Professional Development with Karen Boyes
- Staff attended conference workshops with Art Costa
- Habits of mind “rate yourself”
- [Master Templates from Georgette Jenson](#)
- PowerPoint to use with staff



GRAPHIC ORGANISERS

(FRAMEWORKS FOR THINKING)

- [Fishbone](#)
- [Venn Diagram x2, x3](#)
- [Star Map](#)
- Comparison Map
- The Scale
- [Bubble Map](#)
- [KWL – Link to Formative Assessment](#)
- [Feels like, Sounds like, Looks like – Y chart](#)



TONY RYAN'S THINKERS KEYS

- [Master Templates](#)
- [Fairytale examples](#)
- [School example](#)
- [Denison School](#) in North Queensland – great idea
- Tony Ryan's website and resources
www.tonyryan.com.au.
- Free resources and easily accessible. Many publications originate from his ideas e.g. Michael Pohl



CARTOONS, COMICS AND QUOTES

- [Weekly Cartoon](#) – Encourage children to look out for them. *(Include parents)*
- Comics
- [Quotes](#) – Quote of the week (*Google search*)
- [Quizzles](#)

GOOD

GOOD

B B

TRUE

BsiEckD

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P.M.I.S

- Plus
- Minus
- Interesting
- Solution – justification and ..
- National news
- International news
- Local issues
- Reflection of learning for the week at school
- Start of a Thematic planning unit (Start of term and end of term).



MULTIPLE INTELLIGENCES

- Linguistic Intelligence
 - Logical-mathematical intelligence
 - Bodily-kinesthetic intelligence
 - Spatial intelligence
 - Musical intelligence
 - Interpersonal intelligence (One or more)
 - Intrapersonal intelligence (Self)
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- Multiple Intelligences story introduction – *Refer to “The Prince” from “The Multiple Intelligences Handbook” by Bruce Campbell.*



BLOOMS RESOURCES

- Blooms [Master Templates](#)
- Revised [Blooms slideshow](#)
- Picture book [examples](#) Y2/3
- Current Events [example](#) from Elaine LeSueur (Team Solutions)
- Blooms templates for children's [books](#) Y3-6



ORAL LANGUAGE RESOURCES



- 3 things about me – Which One is not true
- Thinking skills game – Creative Problem Solving Kit by Robyn Boswell (Choose 3)
- Talking and Listening partners (0/1)



SAMPLES OF OUR THINKING YO-6

- Refer to photo collection



DECIDING WHICH WAY TO GO...

- Learning Discovery programme for Years 4-6 (Weekly withdrawal programme for 1 day)
- Talent groups Year 2-3 (Weekly withdrawal groups for 1 and ½ hour blocks)
- Identification criteria
- Staff and community development on bright/strength Vs Gifted & Talented children.



WEBSITES FOR THINKING INFUSION AND LEARNING DISCOVERY

- www.mapthemind.com (David Hyerle – Thinking maps/Graphic Organisers)
- www.enchantedlearning.com (Graphic Organisers and blackline masters)
- www.edwdebono.com (Edward De Bono)
- www.artcostacentre.com (Habits of Mind)
- www.habits-of-mind.net (Habits of Mind)
- www.habitsofmind.org (Habits of Mind)
- www.tonyryan.com.au (Thinkers Keys)
- www.glasbergen.com (Comics and Cartoons)
- www.bssc.edu.au/public/community/Big_Hill_Primary_School/Teachers/index.htm (HOTS school examples)
- www.learningplace.com.au (HOTS templates and examples)
- www.enchantedlearning.com (Resources for teachers- graphic organisers and for children)
- www.anavon.biz Web resources for teachers and children





YOU KNOW YOUR CHILD IS GIFTED WHEN...

he / she has already asked “Why?”
100 times today... and it is only
8.00 in the morning.

*“Ko a tatou tamariki, to tatou oranga”
“Our children, our future”*

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