


## MUSAC

Stimulus – Response  
And  
Software Development  
For  
Education Management




## Introduction

- What is MUSAC?
- Who am I?
- Why do you need to know?
- MUSAC
  - Past
  - Present
  - Future




## MUSAC Past

- Few computers
- Lots of paper
- One sorcerer
- Supports paper-based administration



## MUSAC Present

- Many networked computers
- Few sorcerers
- Many acolytes
- Administrator centric
- Supports teacher based assessment recording and reporting



## Epiphany

Ingredients

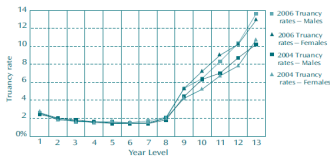
- Need to re-develop
- Clear issues around truancy and behaviour
- Availability of new web tools




## Teaching-Learning Crisis

Evidence

Gender, Year-Level and Truancy



Year Level	2006 Truancy rate - Males	2006 Truancy rate - Females	2005 Truancy rate - Males	2005 Truancy rate - Females	2004 Truancy rate - Males	2004 Truancy rate - Females
1	1.0	1.5	1.0	1.5	1.0	1.5
2	1.0	1.5	1.0	1.5	1.0	1.5
3	1.0	1.5	1.0	1.5	1.0	1.5
4	1.0	1.5	1.0	1.5	1.0	1.5
5	1.0	1.5	1.0	1.5	1.0	1.5
6	1.0	1.5	1.0	1.5	1.0	1.5
7	1.0	1.5	1.0	1.5	1.0	1.5
8	2.0	3.0	2.0	3.0	2.0	3.0
9	4.0	6.0	4.0	6.0	4.0	6.0
10	6.0	10.0	6.0	10.0	6.0	10.0
11	8.0	13.0	8.0	13.0	8.0	13.0
12	10.0	16.0	10.0	16.0	10.0	16.0
13	12.0	19.0	12.0	19.0	12.0	19.0



## Teaching-Learning Crisis

Evidence

### Stand-downs

Stand-down numbers	2000	2001	2002	2003	2004	2005	2006
Number of Stand-Down							
Cases	16,931	17,141	17,943	19,885	20,468	21,862	22,467
Student Population	697,478	699,062	711,144	724,482	726,891	726,087	724,419
Rate per 1,000 Students	24	25	25	27	28	30	31

### Suspensions

Suspension Rate (per 1,000) by ethnicity	2000	2001	2002	2003	2004	2005	2006
Māori	5	5	5	4	4	5	4
NZ European/Pākehā	17	15	16	15	14	16	15
Pasifika	6	7	8	7	9	8	10
Overall Suspension Rate	7	7	7	7	7	7	7

## Teaching-Learning Crisis

Evidence

### Early Leaving Exemptions

ELX Applications by Year	2000	2001	2002	2003	2004	2005	2006
ELX Cases Granted	3,239	3,416	3,703	3,890	3,639	4,191	3,956
ELX Cases Declined	134	165	171	154	262	320	264
Total Applications	3,373	3,581	3,874	3,994	4,112	4,511	4,220

## Teaching-Learning Crisis

Evidence

Youth offending has remained a stable 22% of total offending for the last 12 years:  
 Last five years, only relatively small increases in offending by under 17 year olds  
 A small percentage is serious:

- 60% property of \$100 or less
- 20% shoplifting
- 24% committed between 9am and 4pm
- 9% is violent offending

## Teaching-Learning Crisis

Evidence

“80 -20 Rule” in which two broad categories of offenders are identified:

- 80% of offenders commit 20% of offences
- These are “desisters” or “adolescent limited”
- Good interventions work
- 20% of offenders commit 80% of offences (actually 5-15% of young offenders commit 60-75% of offences)
- These are “persisters”, “life course” “early onset” offenders

## Teaching-Learning Crisis

Evidence

Strong correlation between truancy and offending:

- Not all truants and non enrolled young people offend but:
- overwhelming majority of offenders are truants or not enrolled
- May not be causative, but a clear link exists
- Truancy a stepping stone to crime

## MUSAC Drivers

- Connect kids to a future
- Get them as young as possible
- Work out what their talents are
- Involve the entire community
- Inter-related goal setting
- Tools to develop self-analysis and understanding
- Tools for tracking progress

### MUSAC Future

- Internet connection
- No sorcerer
- Entire community connected
- Student centric
- Supports student based profiling, careers, portfolio, goal-setting and tracks progress



### Where Does TEFANZ Fit In?

- Guidance for teachers
- Finding out what works
- Informing research
- Working together to lead change
- Being available to consult

