

Implementing Information and Communication Technologies

Breakfast meeting
of parents, teachers & alumni
at St. Stanislaus High School
30th March, 2008

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What are the processes of the information society?

- **Technology generated processes:**
 - Digitisation
 - Virtualisation
 - Mass personalisation
- **Processes created by Connected Society:**
 - Wiki processes: mass collaboration
 - Self-organisation: blogs, tagging, social networking
 - Open education resources, global standards, free software movement
- **Processes generated by Open Resources:**
 - Co-creation by producers and clients
 - Knowledge intensive products and services

What else has changed?

- **We are in a transitional phase**
 - From a relatively slow-changing, multi-structured society where many forms of society and economy co-existed, we are now in a period of rapid transition
 - Different groups are moving along the continuum from agrarian to industrial to an information society
 - With pressure to homogenise, inequities are evident — the “digital divide”. However this conflict can be eased by making digital means available, before it reaches a straining point

What can ICTs do in education?

For students: *(Definitely not about computer programming!)*

- Flexibility in working on assignments, can do homework at a place away from school and home
- Freedom to get help from parents and adopt other gurus
- The use of ICTs stimulates creative and critical thinking, can work on much more challenging assignments
- A more efficient and effective, even “cooler” way to work

What can ICTs do in education?

For teachers: an aid to support students

- Teachers can draw on the latest knowledge available on the Internet
- Link with other teachers to create widespread horizontal networks
- Have better dialogue with parents
- Run projects with schools in other cities and internationally
- Use ICT formats to save time on tedious tasks and gain more preparation time for teaching

What else can ICTs do in education?

For school management: improves effectiveness

Automation of repetitive tasks, improving time management, creating time for more “quality” tasks,

- Some routine tasks:
 - attendance management
 - report card management
 - scheduling and planning
 - accounting and procurement
 - payroll and HR

What are the “Gives and the Gets”?

	Student	Teacher	Parents	Principal
Gets	<ul style="list-style-type: none"> • Flexibility to “do homework” off-premises • Ability to get help from parents • A “cooler” way to work • Can work on more challenging assignments • Stimulates creative and critical thinking in the use of ICT 	<ul style="list-style-type: none"> • Can manage homework in a consistent manner • Better channel to communicate to the parents and more efficiently • Improves skills and speeds up the possibility to link with teachers in other schools 	<ul style="list-style-type: none"> • Can keep in touch with school activities in a better manner 	<ul style="list-style-type: none"> • Can attract good teachers • Improves the quality of education by reducing amount of administrative work for teaching staff • Operations can run more effectively
Gives	<ul style="list-style-type: none"> • Needs access to a PC 	<ul style="list-style-type: none"> • Must learn basic ICT skills • Must learn how to teach in a “digital school” 	<ul style="list-style-type: none"> • Must commit to supporting the efforts of students and teachers as they adopt this technology • Must set aside time to use computing 	<ul style="list-style-type: none"> • Must invest time in encouraging teacher to learn to use ICT in teaching. • Must think long-term

Implementing ICTs at St Stanislaus

Needs step-wise, phased approach at a manageable pace.

- **Consolidate** (2008 – 2009)
- **Modernise** (2009 – 2011)
- **Internationalise** (2011 – 2013)

First phase:

- Assess existing skills
- Establish basic procedures for teaching and non-teaching staff
- Create awareness among parents; offer basic training
- Establish stable infrastructure

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Next phase:

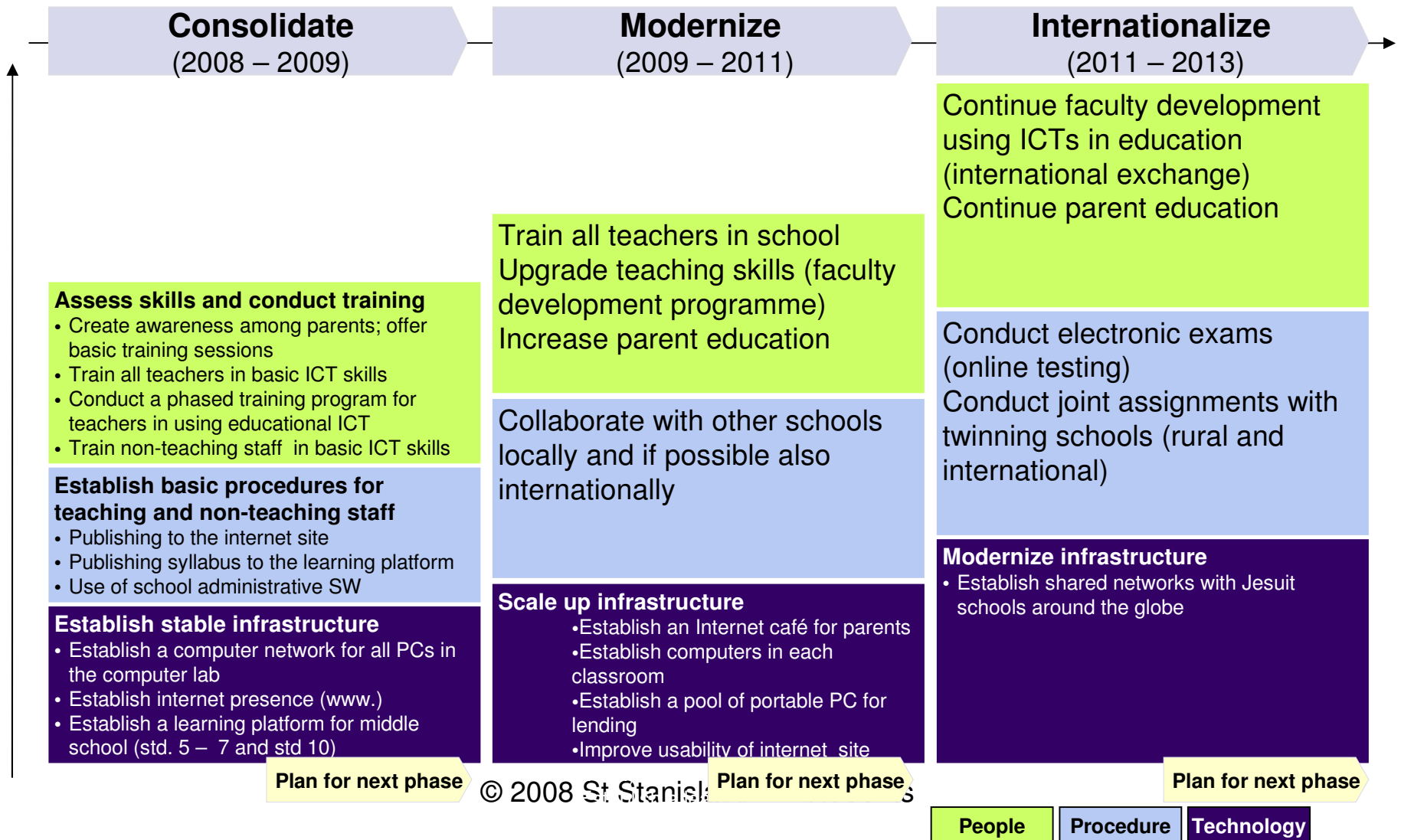
- Train all teachers in the school and upgrade other teaching skills through a faculty development programme.
- Increase parent education
- Collaborate with other schools locally and also internationally
- Scale up infrastructure

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Next phase:

- Continue faculty development using ICTs in education (international exchange)
- Continue parent education
- Conduct electronic exams (online testing)
- Conduct joint assignments with twinned schools (rural, urban and international)
- Modernise infrastructure

A phased approach must consider all aspects In implementing ICTs : people, procedures & technology

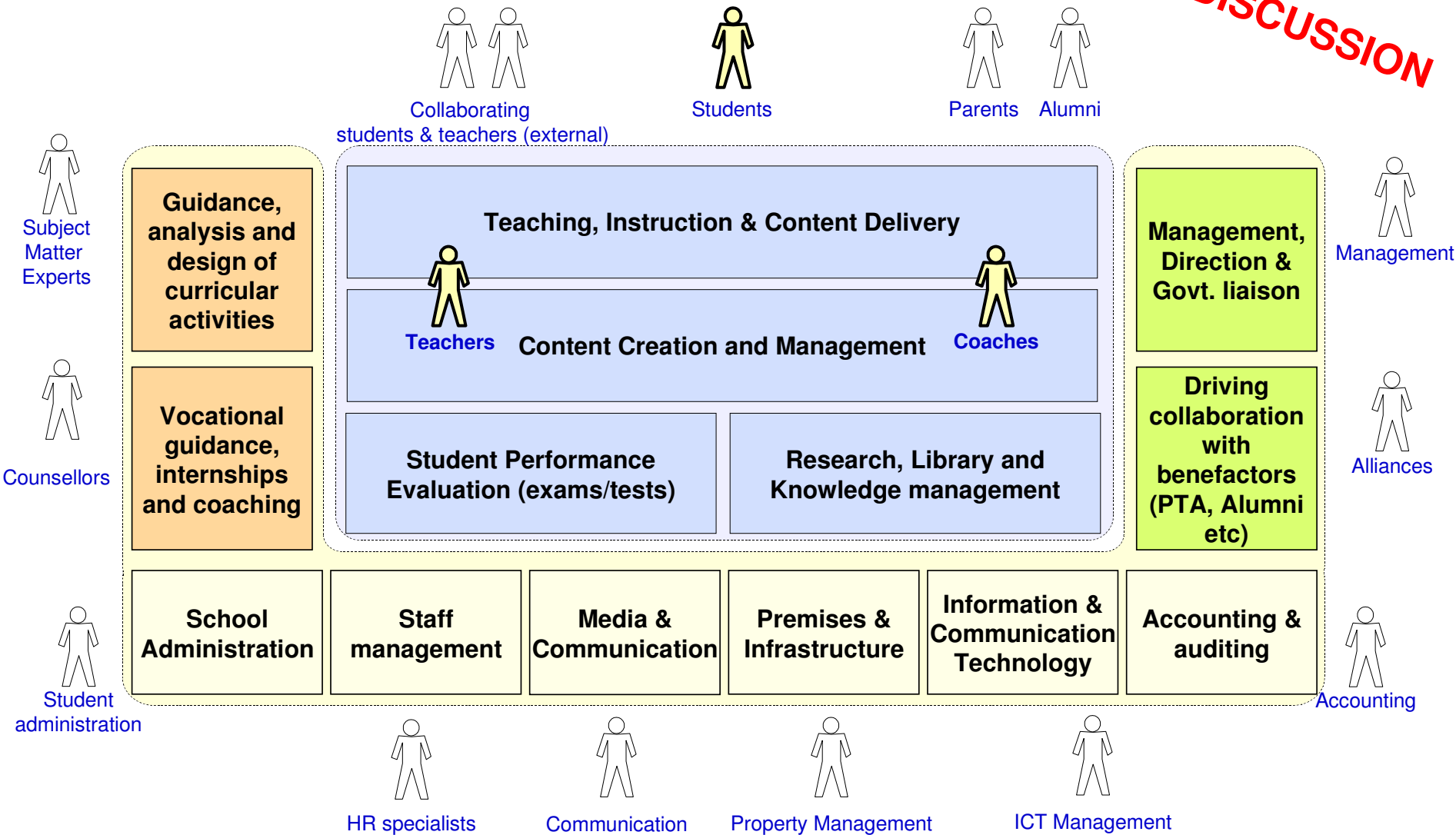


How can St Stanislaus get started?

- Establish a “ICT @ Stanislaus” taskforce comprising of parents, teachers and alumni
 - Draw up a long-term strategy
 - Identify quick wins or high value short-term actions
 - Plan fundraising
- Quick-wins
 - Start raising the level of awareness among parents, it helps them to participate in their children’s education
 - Establish a good computer network

A suggested blueprint: identifies the stakeholders, core and support activities, to serve as a guide for planning and operations

FOR DISCUSSION



St Stanislaus will start with a festival

yuva vividha, a festival on innovation and creativity featuring ICTs on 1, 2, 3 May, 2008

Festival theme *ICTs: changing our lives*



We can visualise the way forward together



Thank you!

A presentation of the St. Stanislaus Ex-Students' Association with Comet Media Foundation