



































Principal Software

Software 4 Schools

Riaan van der Bergh
CEO - Principal Software



Federation of Governing Bodies of South African Schools

Federasie van Beheerliggame van Suid-Afrikaanse Skole


DIGITAL
Citizenship
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Museum
Store
MAPS &
NAVIGATION
FAST
FOOD
ONE CLICK
SHOPPING
CHAT
APPS
Gallery
Restaurant
RESTAURANT
LOCATION
EMAIL
TIME
MANAGEMENT
DISCOVER
PLAY
SERVICES
VIDEO
ENTERTAINMENT
INTERNET
WORK
FINANCES
MUSIC
INSTRUMENTS
FEDSAS
DIGITAL
Citizenship


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Technology in education

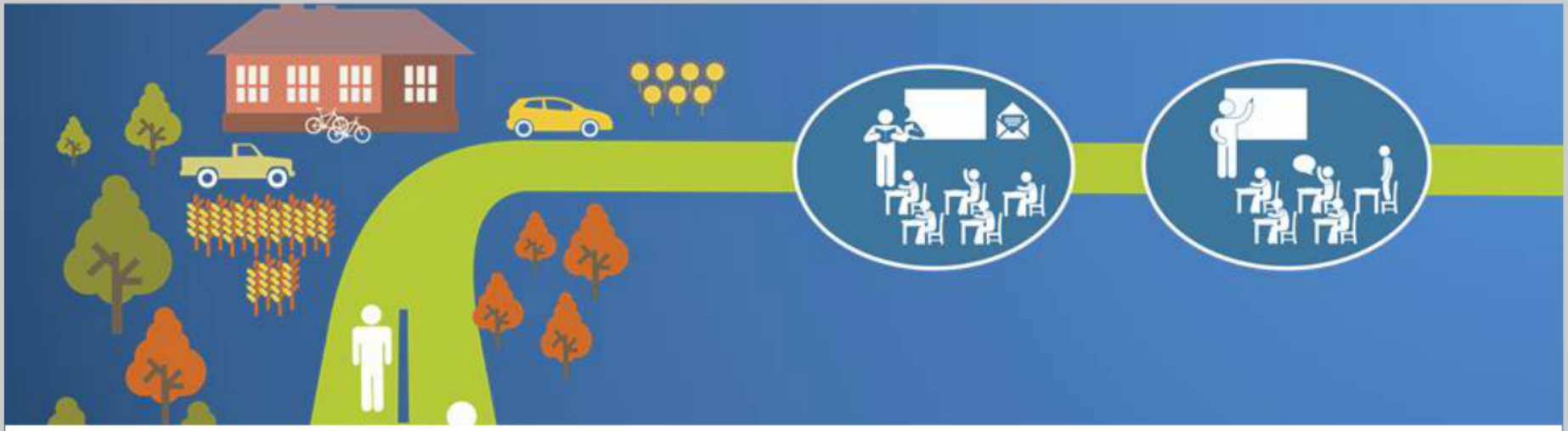
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DIGITAL Citizenship

Education in technology

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Technology-enabled education

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DIGITAL Citizenship

Technology in education

Vol XCIII, No. 1 Saturday, May 31, 2014 R10

The evolution of technology in education

Cheaper iPads for education

How much should I pay for my iPad?



Apple has introduced reduced education pricing for the iPad Air and Retina iPad Mini, offering both tablets at starting prices of R4690 and R3790, reports iGeneration.

With both iPads still showing a standard retail price starting at R4990 and R3990, the new education pricing totals to a R300 discount on the iPad Air and R200 discount on the Retina iPad mini and marks the first time that Apple has included the iPad in the special program. Apple is also offering...p3

Connect digital games to learning

Kids like games!

Every Wednesday, the dismissal bell rings two hours early at ABC School, a school for grades 8-12, centered around digital-game-inspired teaching methods. Although the students are done for the day, the learning is just beginning for the teachers. That's when they go into professional-development overdrive.



Android, Apple, Blackberry or Windows ?

What is best for me?

Apple has released the brand new, top-of-the-line, flagship iPhone 5s and less-expensive, colorfully fun iPhone 5c. But is either of them the right phone for you? While everyone here at iMore certainly believes the iPhone is still the best phone for most people, most of the time, we're lucky that every major platform now has one or more great phones for us to choose from as well. The iPhone may have the best overall user experience, the highest quality apps and games, the widest range of services, the biggest selection of accessories, and the best customer support, but there are also things the iPhone doesn't offer that other phones do. like much larger screens, physical keyboards, high power cameras, greater hardware options, or simply no Apple about them. How do you know which one is for you?



Apps

When it comes to smartphone satisfaction, ultimately it's all about the apps. All three major mobile operating systems can cover your basic productivity needs, but there are big differences when it comes to the number and variety of apps available.

Schools examine content delivery methodologies

Online vs. face-to-face content



As the number of online content rises, more students are accessing those higher-level classes than ever before. But teachers, students, and the governing body that authorises such courses have had to adapt over time to determine how materials should be presented online and whether that method measures up to face-to-face instruction.



Technology in education

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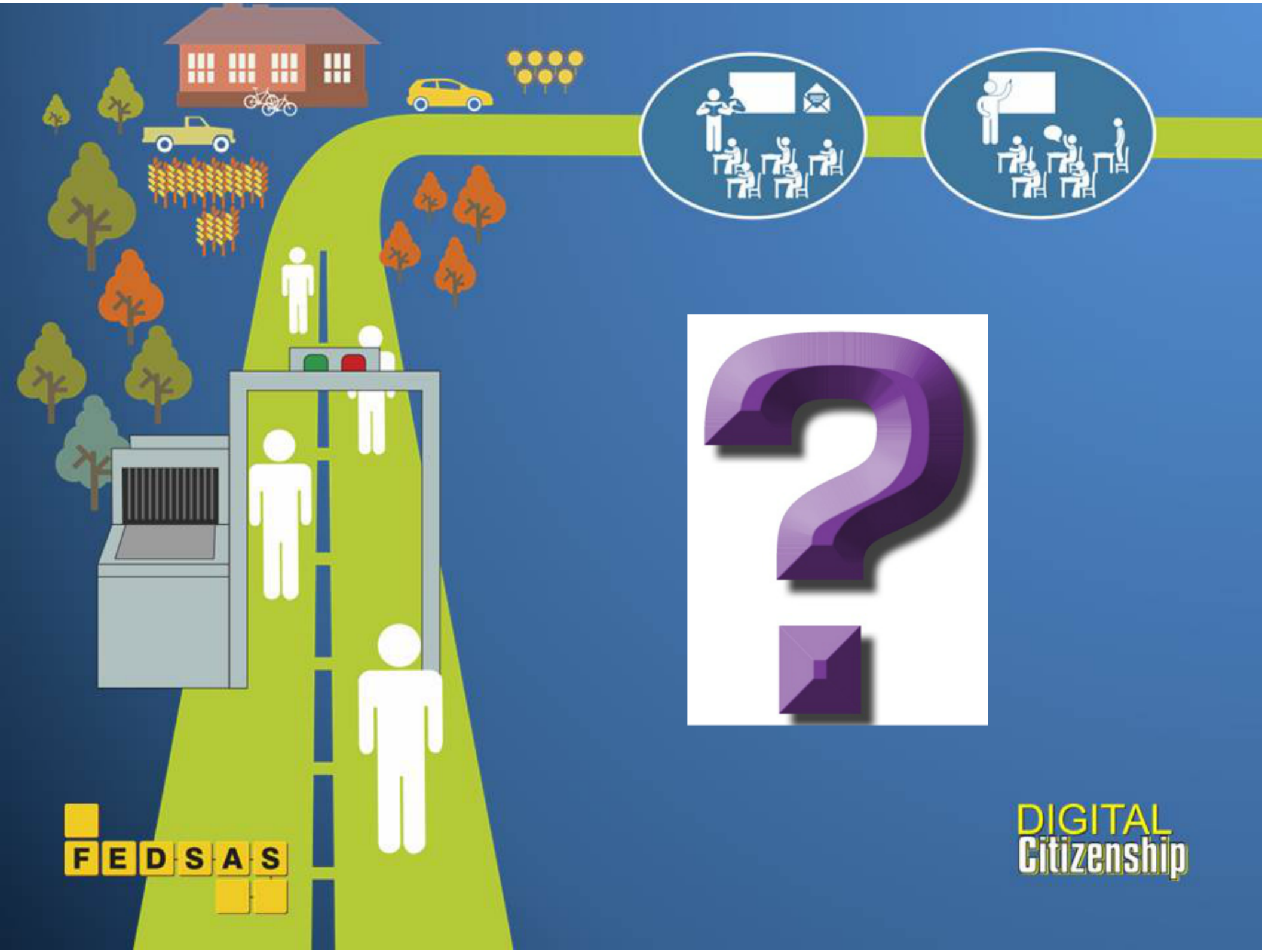
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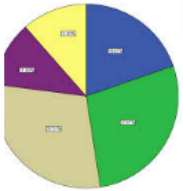
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Education in technology

Vol XCIII, No. 2 Saturday, May 31, 2014 R10

R500m spent on e-skills for teachers





Looking to extend education beyond the walls of the school? Want to make a difference rather than creating another standards based assignment that has no relevance or long term meaning? Tired of setting up contrived projects and being responsible for every moment of learning in your classrooms?

Teachers today

Computer skills



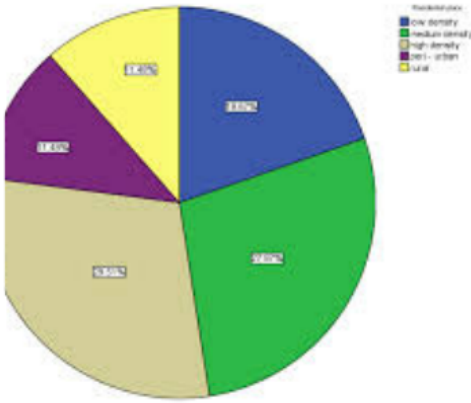
These are heady times in the world of education technology. Tools such as iPads, Kinect and Wii increasingly provide opportunities for "embodied cognition" -- the acquisition of knowledge through touch, movement, gesture, sight, hearing and other activities involving the body as well as the intellect. Interactive software generates data that can illuminate which teaching strategies work best for students in a particular classroom, school or district. Even low-tech approaches, such as debate via chat function or manipulation of objects on screen, seem to intensify focus.

It's easy to imagine a future world of super-smart people, using technology to solve all kinds of daunting challenges. But the new digital age is actually prompting questioning of traditional measures of intelligence.

> **Education is our passport to the future, for tomorrow belongs to the people who prepare for it today.**
>
> - Malcolm X

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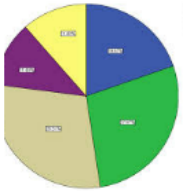
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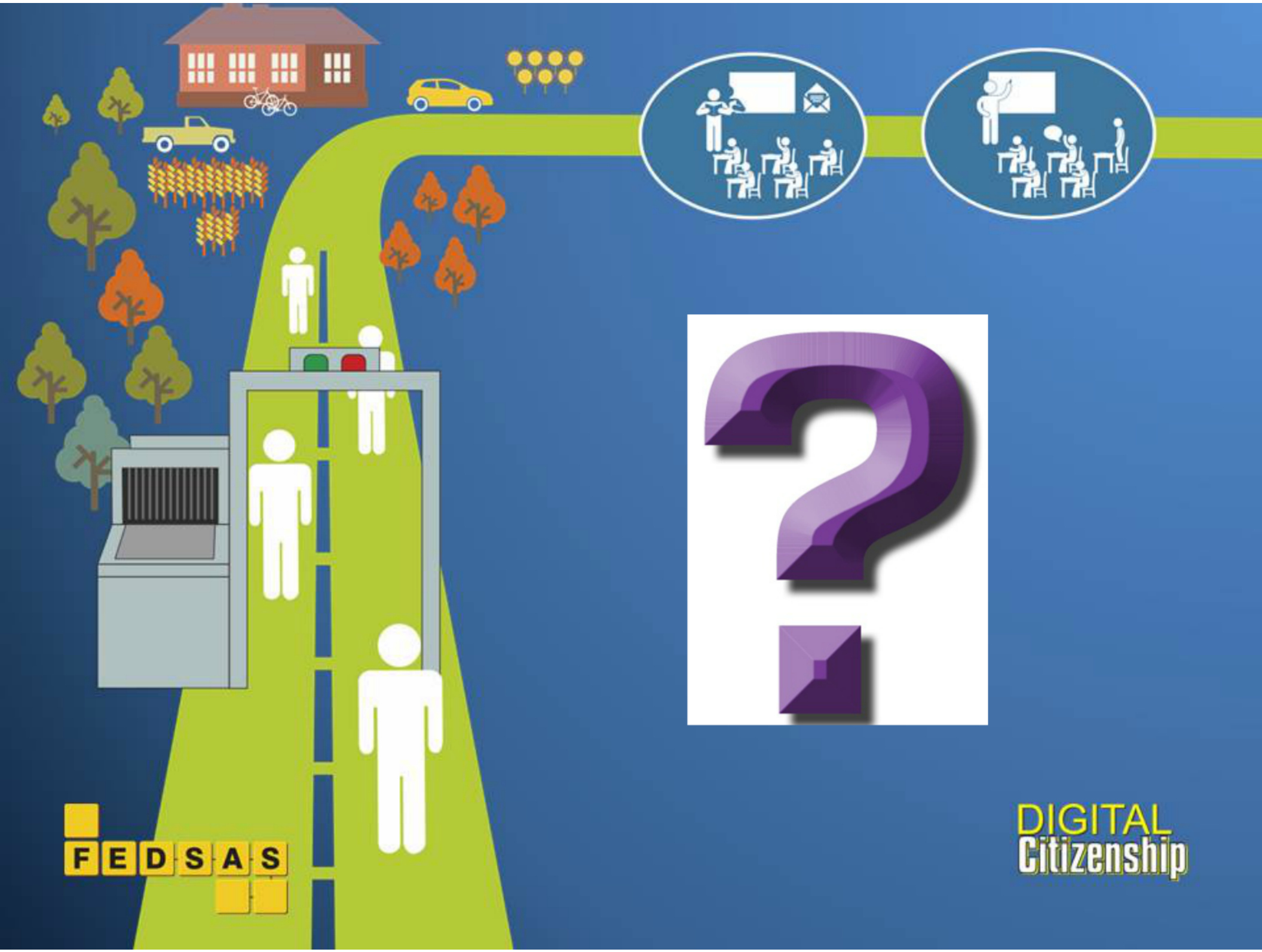
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Technology-enabled education

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Technology-enabled education

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Focus on an ICT vision - keeping in mind:

the speed of technological development;
the availability of bandwidth;
the affordability of devices;
future needs and
centralised processes vs. decentralised capabilities

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Remember that the purpose of technology is to:

optimise efficiency;
save time;
save money (opportunity cost);
collect data and
enable reporting

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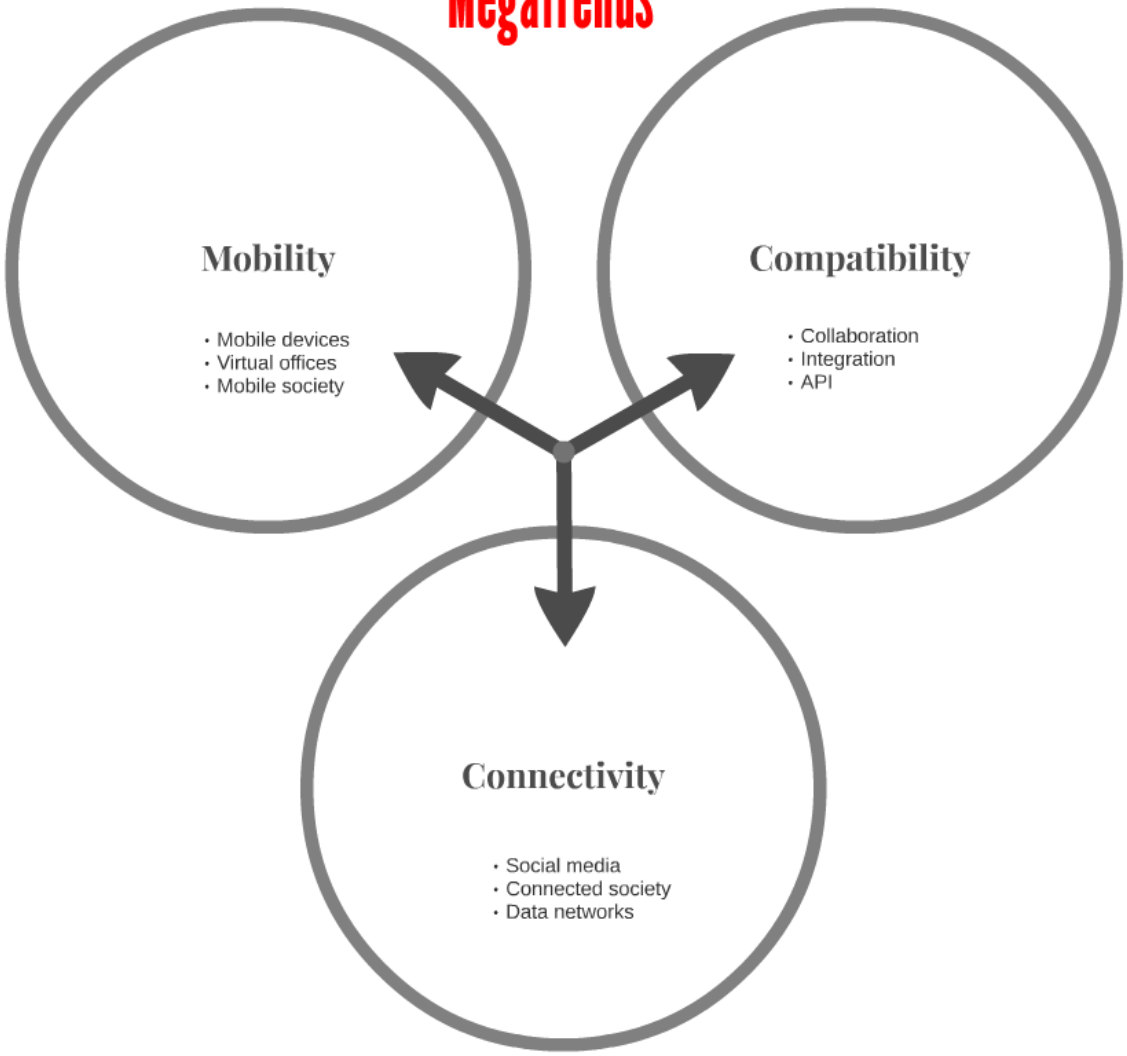
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Never forget the golden thread in your plan - enhancement of the quality of education to produce a quality learner

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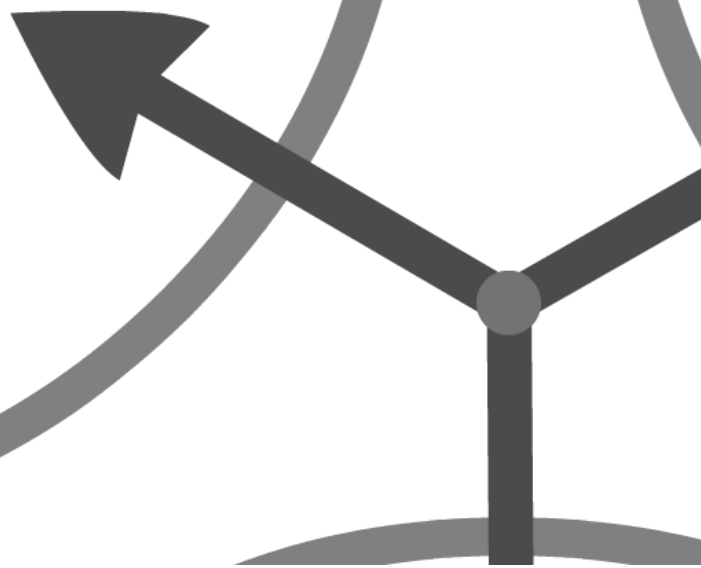
Megatrends


Mobility
• Mobile devices
• Virtual offices
• Mobile society
Compatibility
• Collaboration
• Integration
• API
Connectivity
• Social media
• Connected society
• Data networks

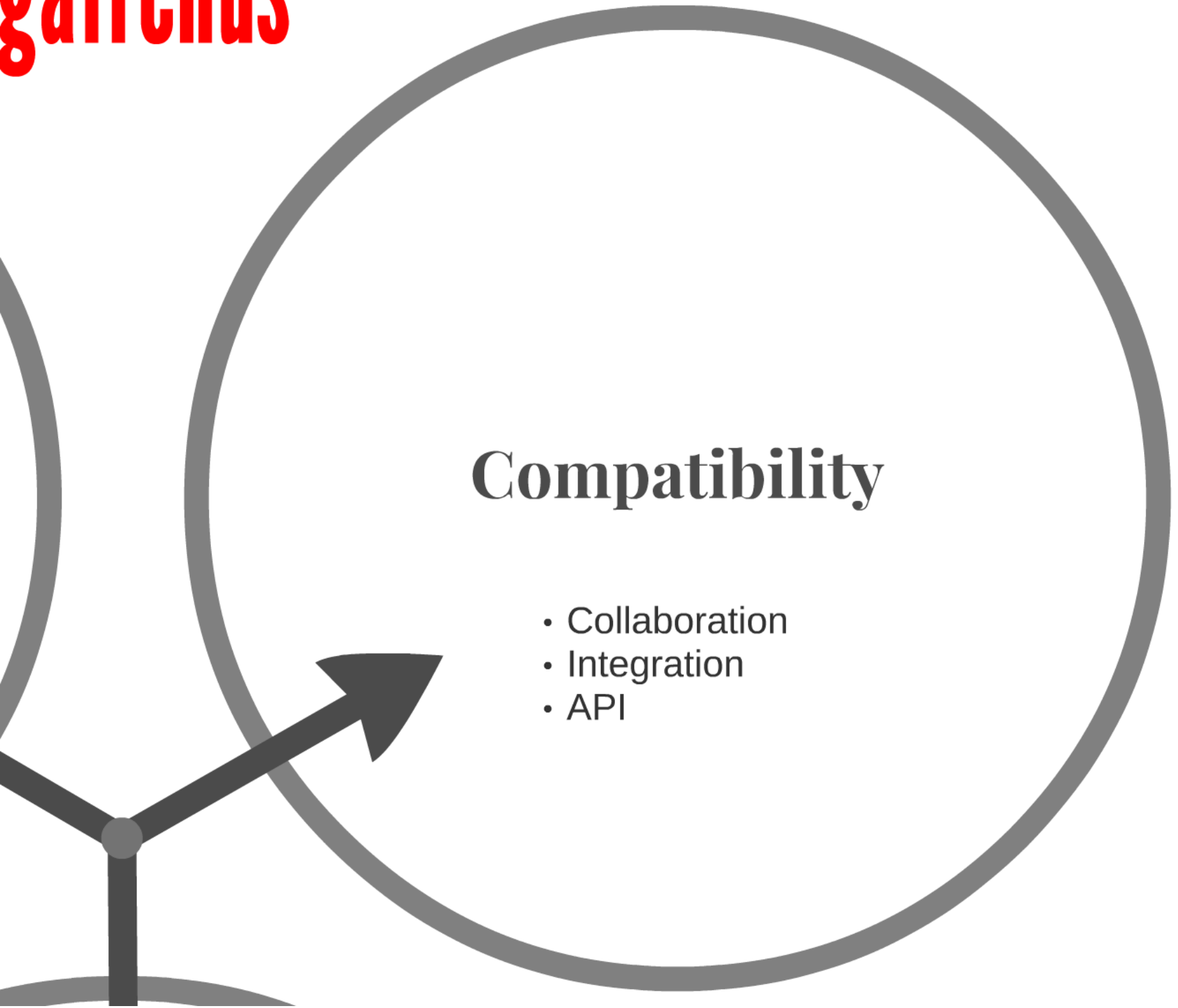

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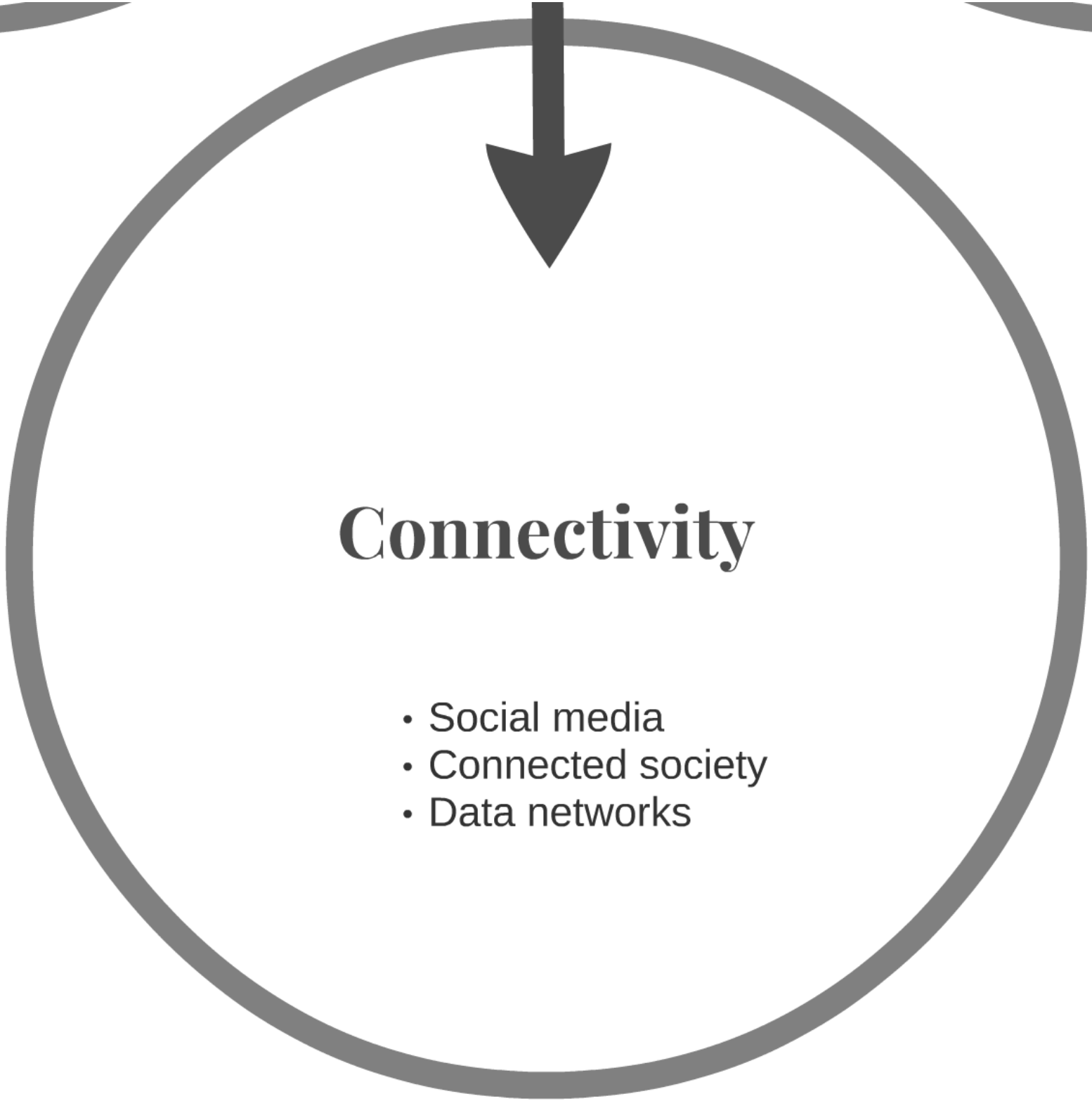
Mobility

- Mobile devices
- Virtual offices
- Mobile society

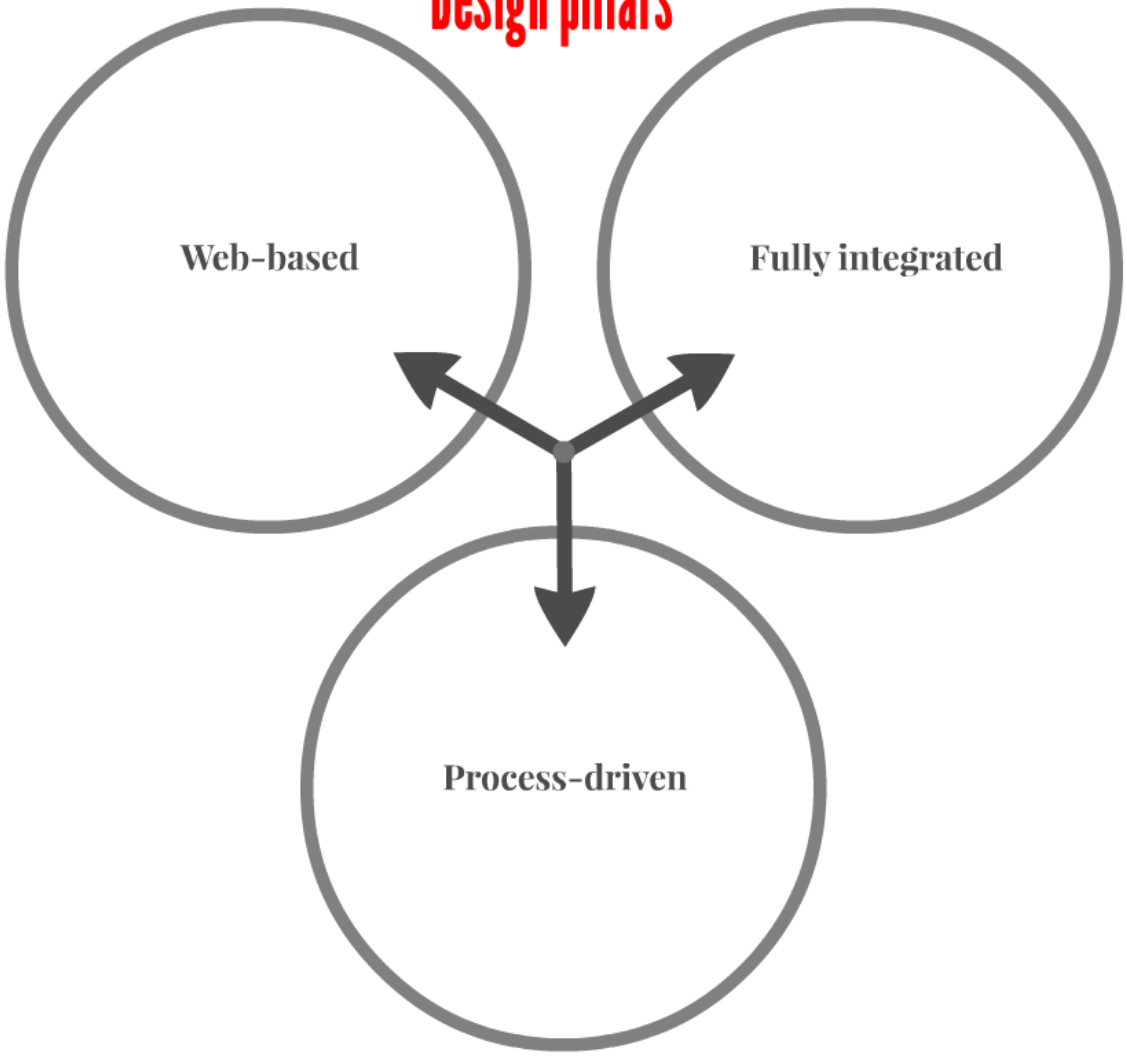


gallellus




Connectivity
• Social media
• Connected society
• Data networks

Design pillars



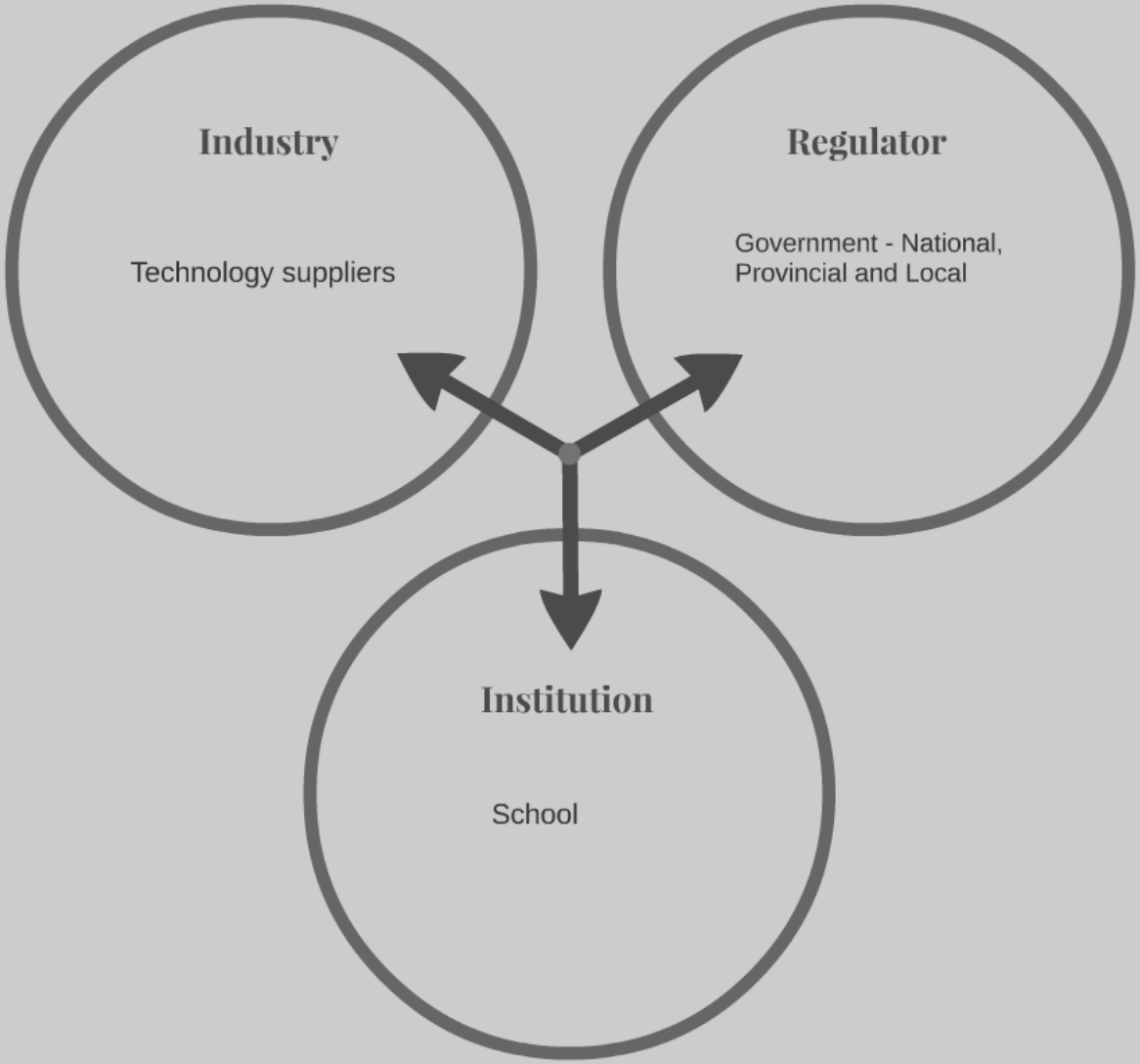
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Technology-enabled education

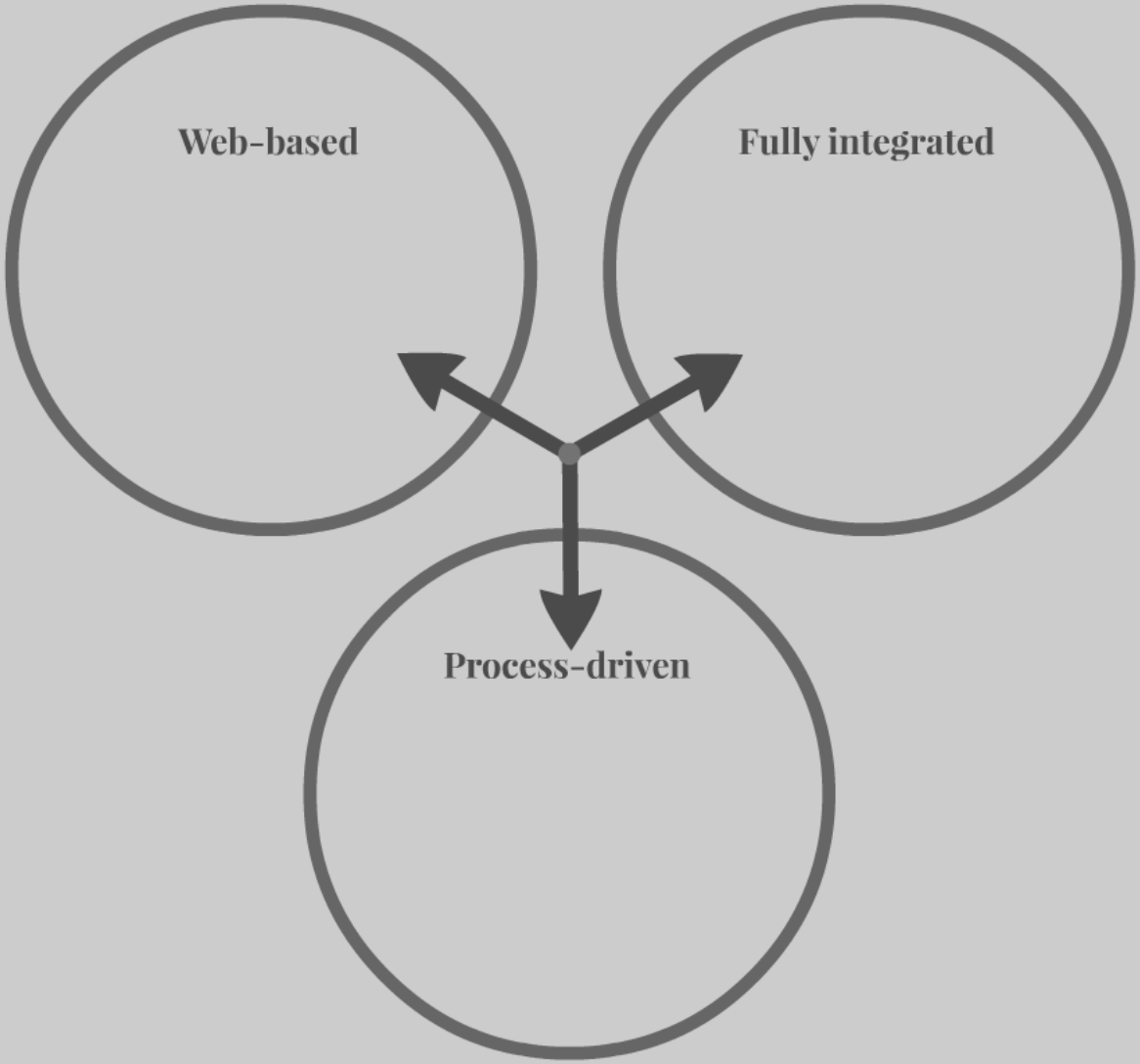
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The future classroom: 2020 or 2050?

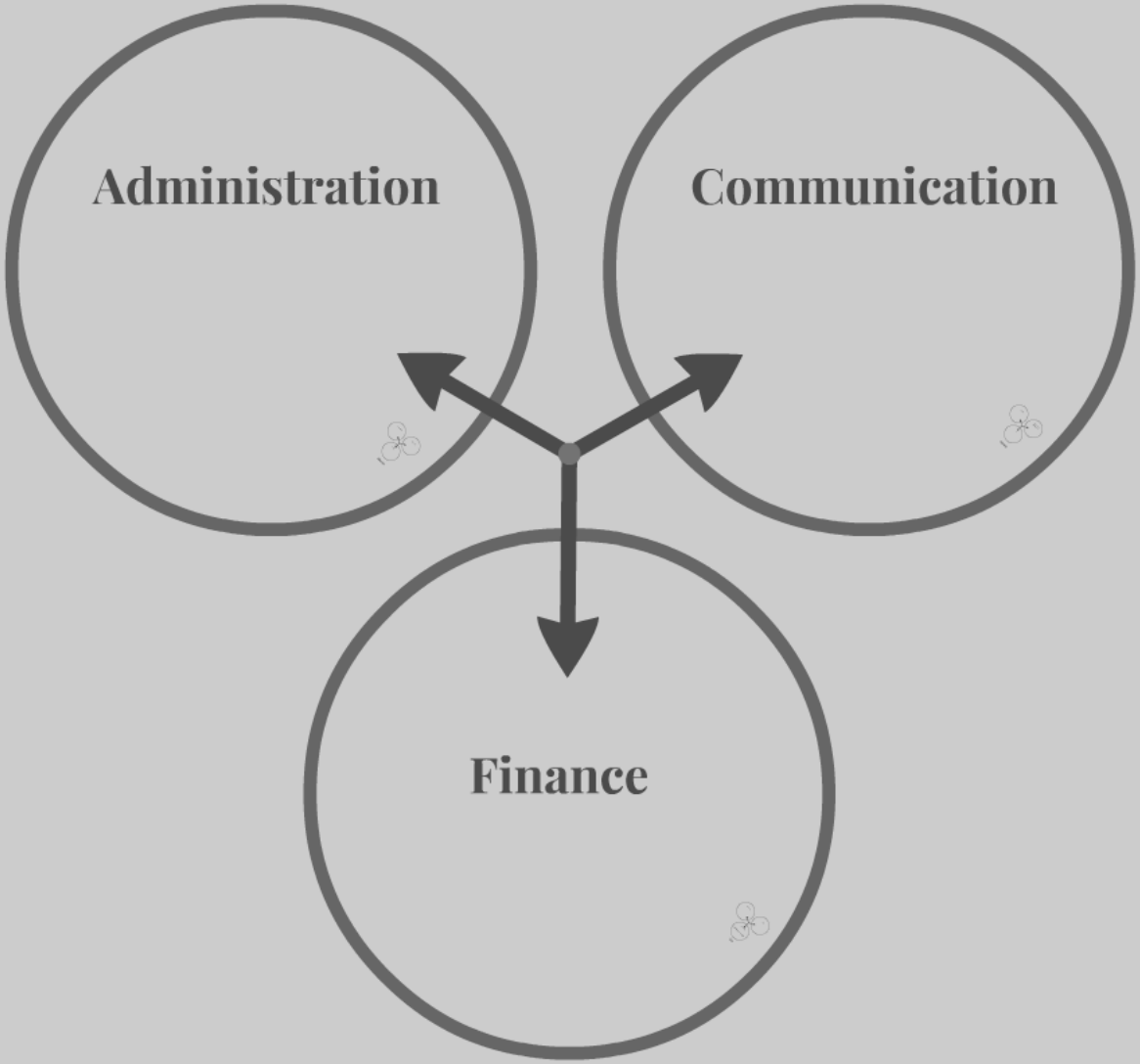


Landscape players

Each to his own role

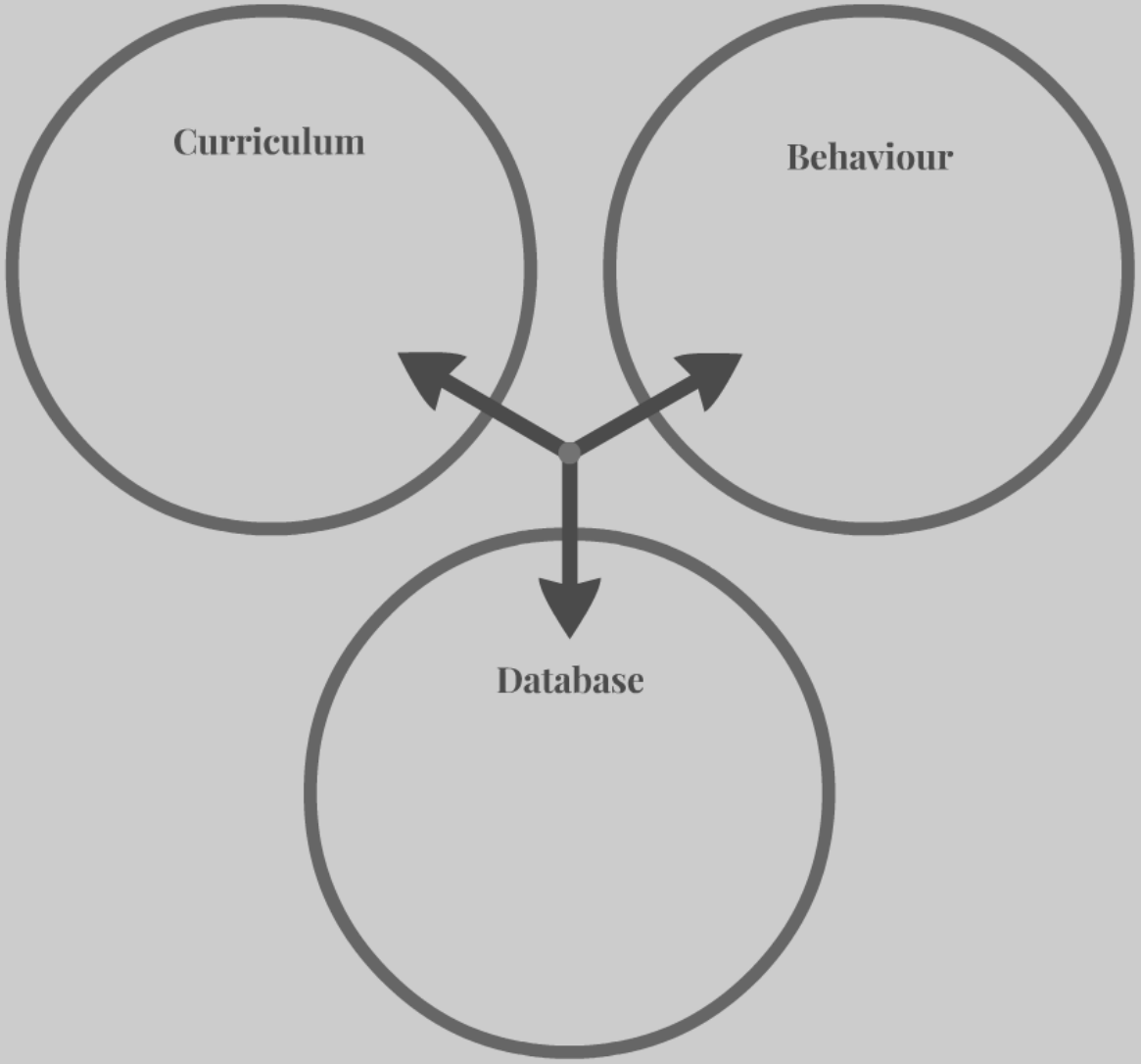


Design pillars

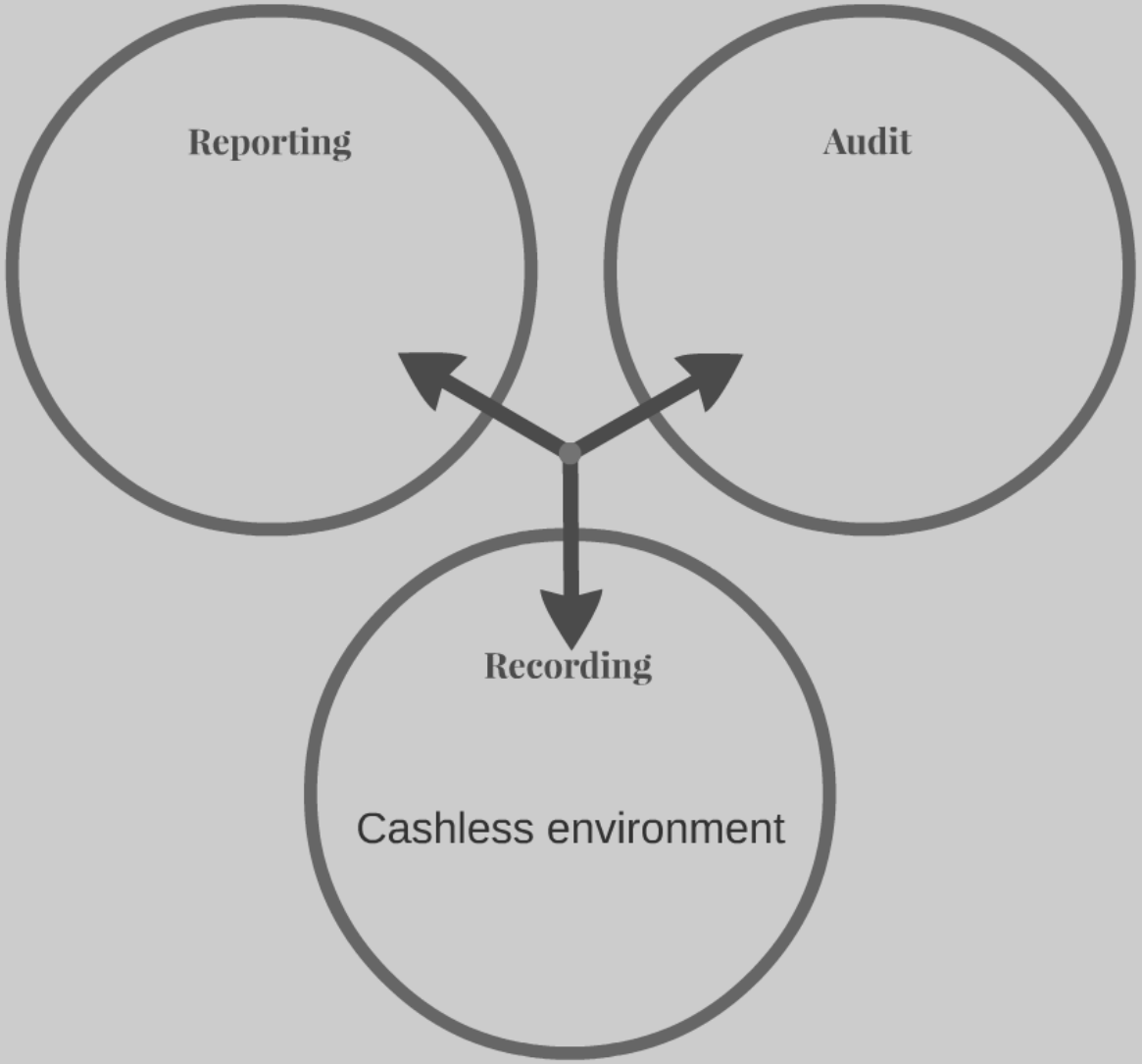


Functionality

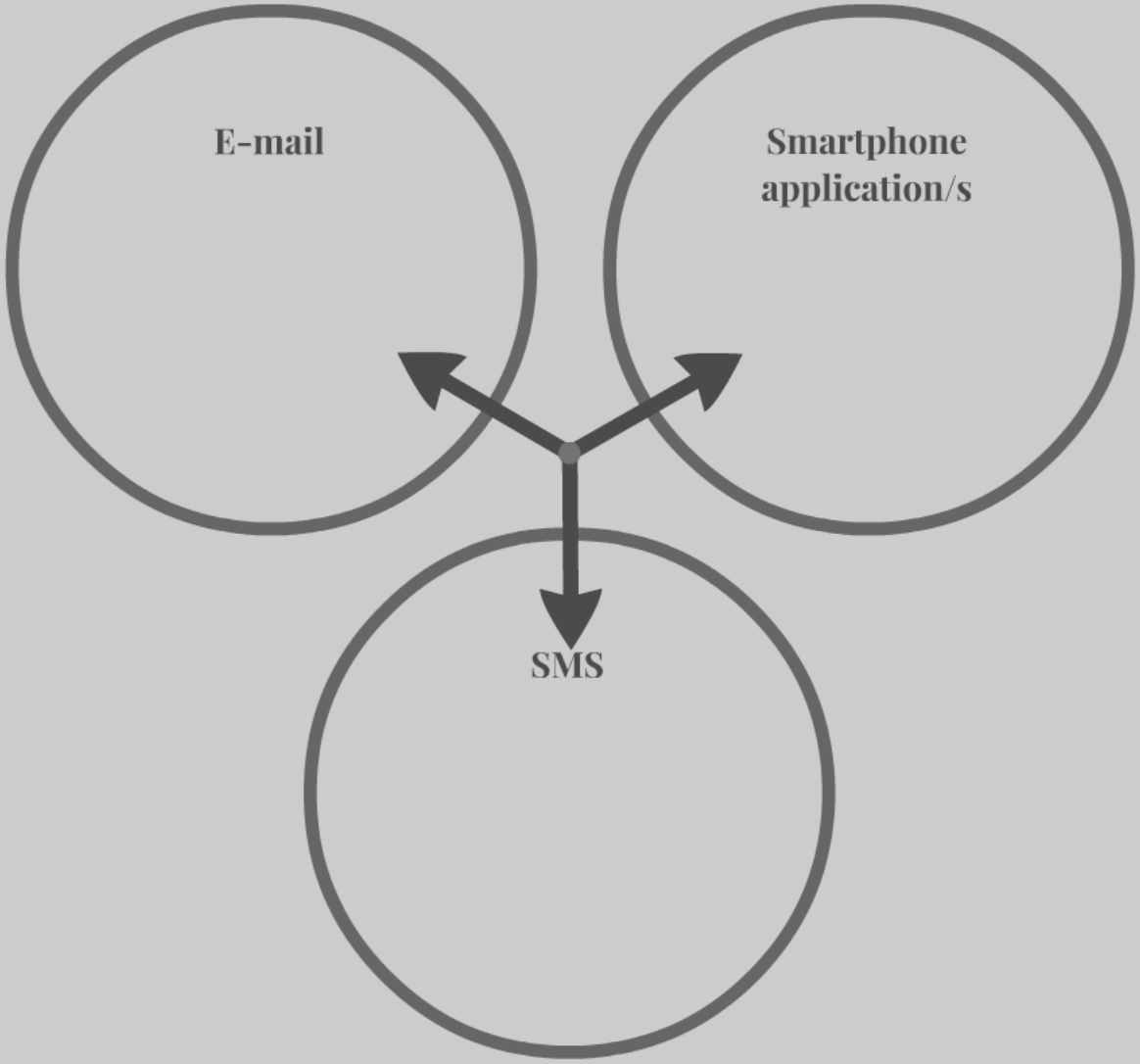
Example of management system



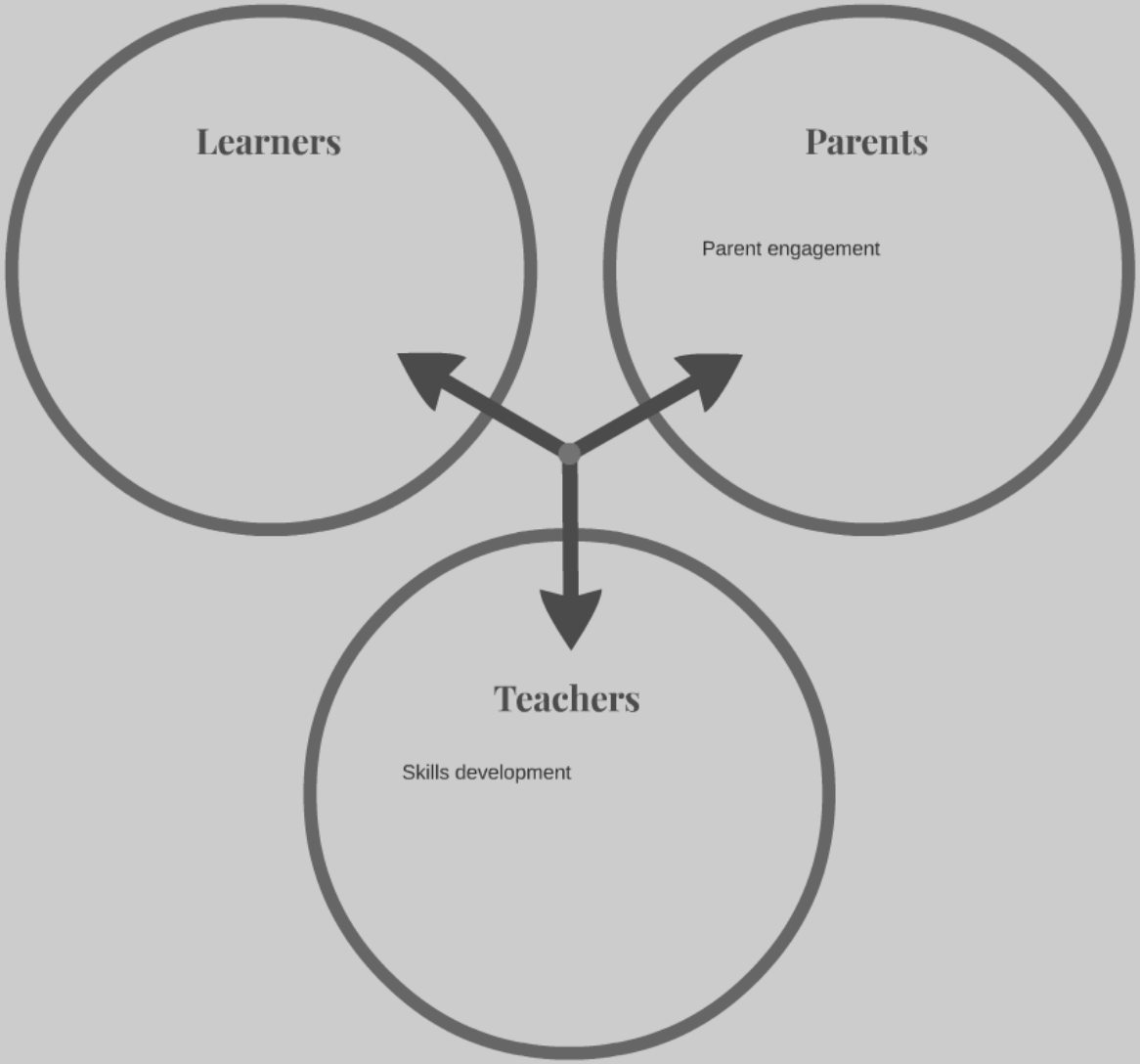
Administration



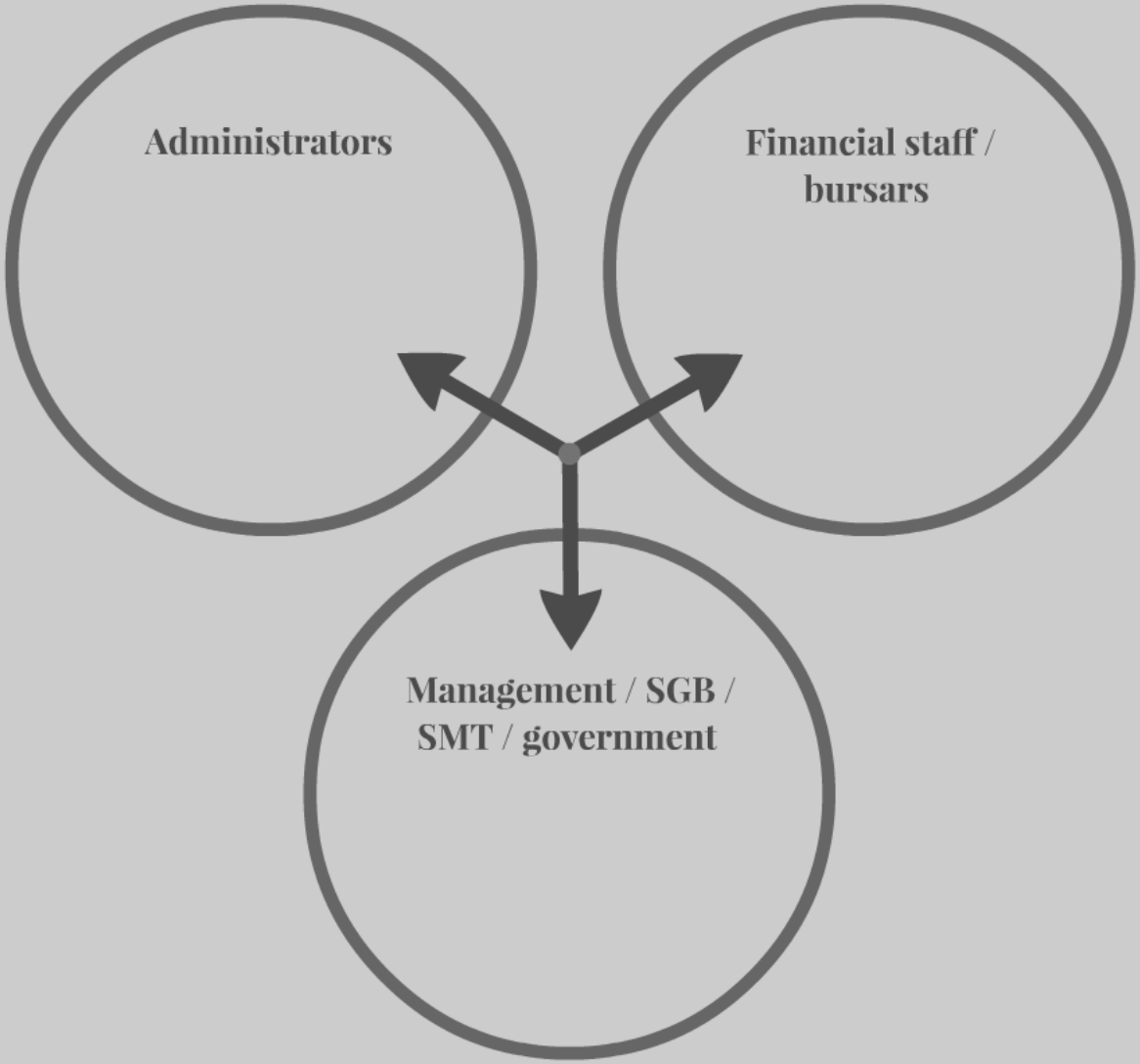
Finance



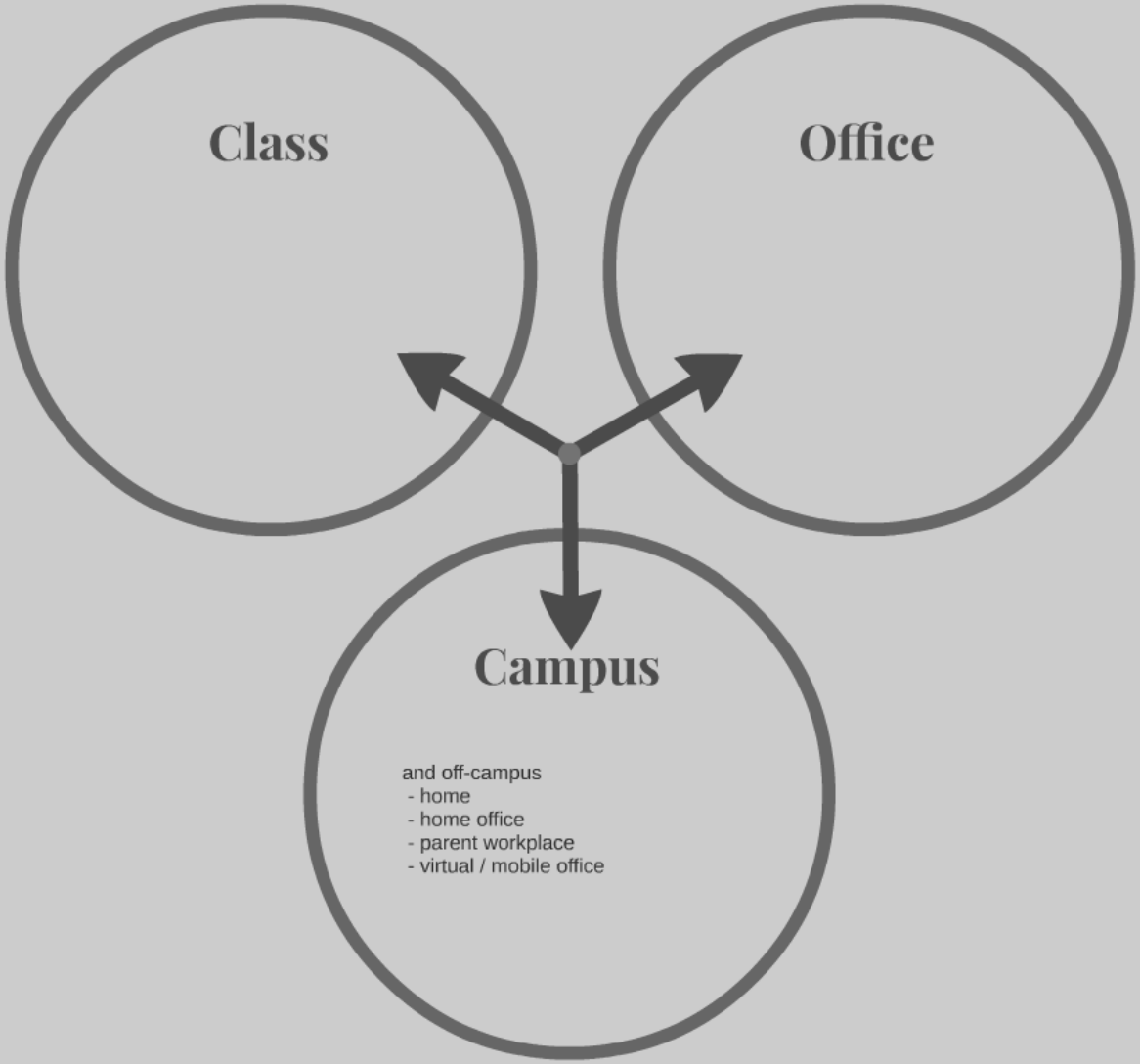
Communication



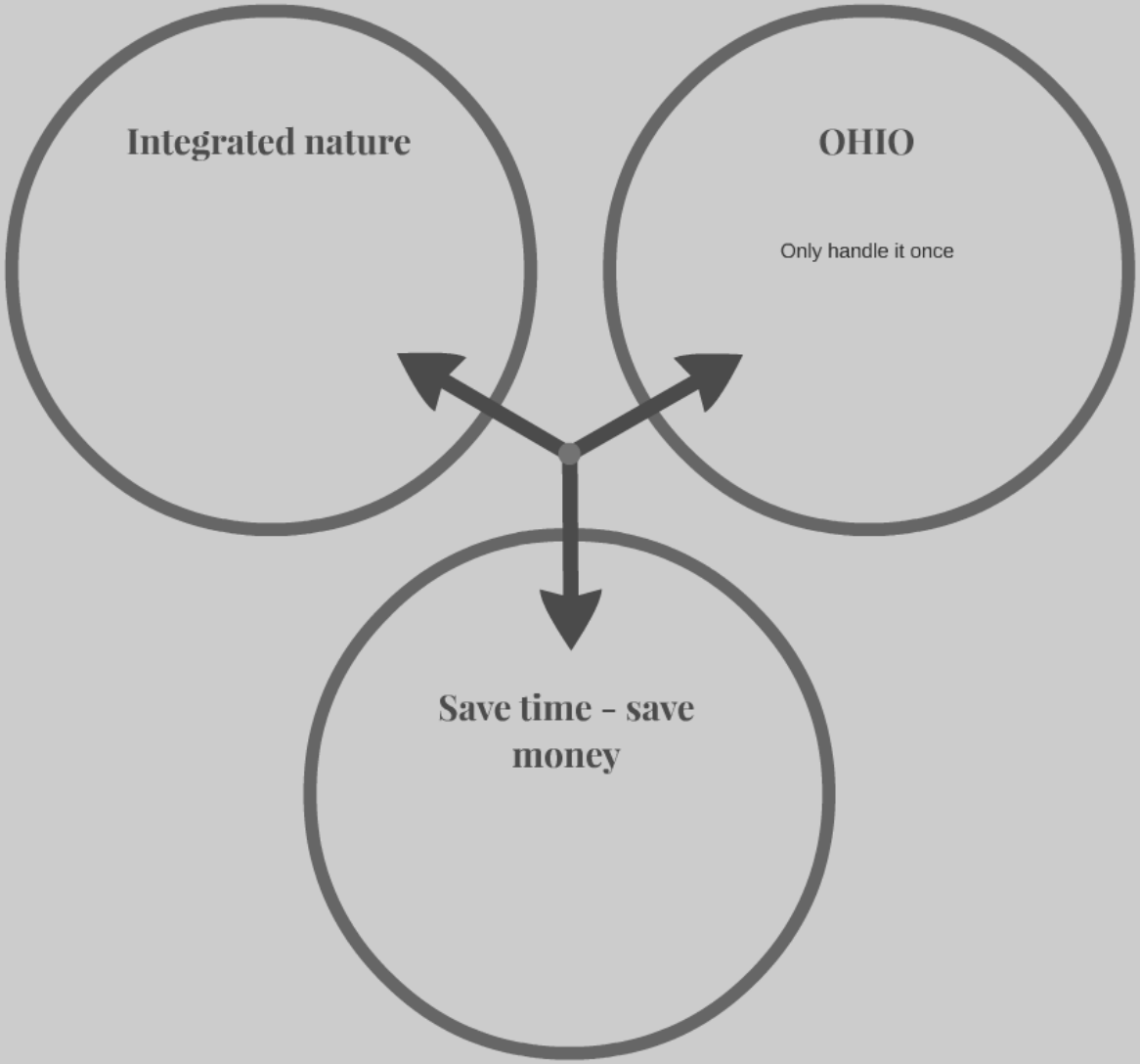
Stakeholders


Administrators
Financial staff / bursars
Management / SGB / SMT / government

Users



Applicable in:


Integrated nature
OHIO
Only handle it once
Save time - save money

Value-adds

Megatrends	Connectivity	Mobilitiy	Compatibility
Stakeholders	Learner	Parent	Teacher
Management	Admininstration	Communication	Finance
Admininstration	Database	Curriculum	Behaviour
Communication	E-mail	Smartphone app	Text / SMS
Finance	Recording	Reporting	Cashless transactions
Users	Administrator	Bursar	Management
Arena	Class	Office	Campus
Class	Content	Collaboration	Assessment
Other	Sports and extra	Social and pictures	Blogs and posts



Education is our
passport to the future,
for tomorrow belongs to
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Conclusion



Plan - vision

Prioritise - paradigm shif

Pace yourself

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Software 4 Schools

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CEO - Principal Software





