



“Technology used to support  
Teachers and Teaching in the 21<sup>st</sup>  
Century Education System”.



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“Education is not the filling of a pail, but the lighting of a fire.”

W. B. Yeats



# Background and Context

- CEO and founder of Nisai Group – A technology and learning practitioner
  - Making use of technology to aid in the delivery of education to students
  - Making use of technology to develop and support teachers
  - A focus on making education affordable and accessible to all
  - A focus on delivering learners who have developed both socially and academically
  - A focus on providing opportunities and life long opportunities
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# How can technology support teachers and teaching?



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# The main challenges in the education system

- The fact that 'every child has the right to an education', is not being honoured
- Schools focus on academics rather than core competencies

Why?

- Lack of inclusivity
  - Learners with Special Education Needs are not being catered for
  - A focus on those who are able to achieve performance targets
  - A lack of understanding of the impact of improving soft skills
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# Challenges

- Inconsistent quality of teaching
- Staff shortages and challenges with recruiting
- Education focused on academic achievement rather than development of skills
- Changing the mind-set of education professionals – regionally, nationally and internationally
  - Role of teacher and /or coach
  - Use of multiple intelligence
  - Teachers as fountain of all knowledge to being a facilitator
  - Understanding of tacit knowledge of the learners by using open questioning
- Improve the quality of the labour force across all professionals in education, not just teachers
- Being able to replicate the skills and expectations of our learners to our teachers

# How technology supports?

- Allows the sharing of knowledge and best practice over wide geographical areas
  - Provides a cost effective model to deliver Continual Professional Development programmes
  - Develops teachers in specific knowledge areas e.g. SEN, lesson delivery, quality of teaching
  - Opens their minds to new ideas including the inclusion of the 4 C's
  - Provides additional resource to improve learner engagement and subsequent outcomes
  - Provides empowerment
  - Helps to meet the criteria of improving the Quality of Teaching in a global economy
  - Develops the skills to 'Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all'
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# 21<sup>st</sup> Century Competencies - The 4 C's

**Created by the Partnership for 21<sup>st</sup> Century Learning, the 4 Cs define and illustrate the skills and knowledge students need to succeed in work and life. If teachers demonstrate these competencies, our students will value them and adopt them.**

- Critical Thinking
  - Communication
  - Collaboration
  - Creativity
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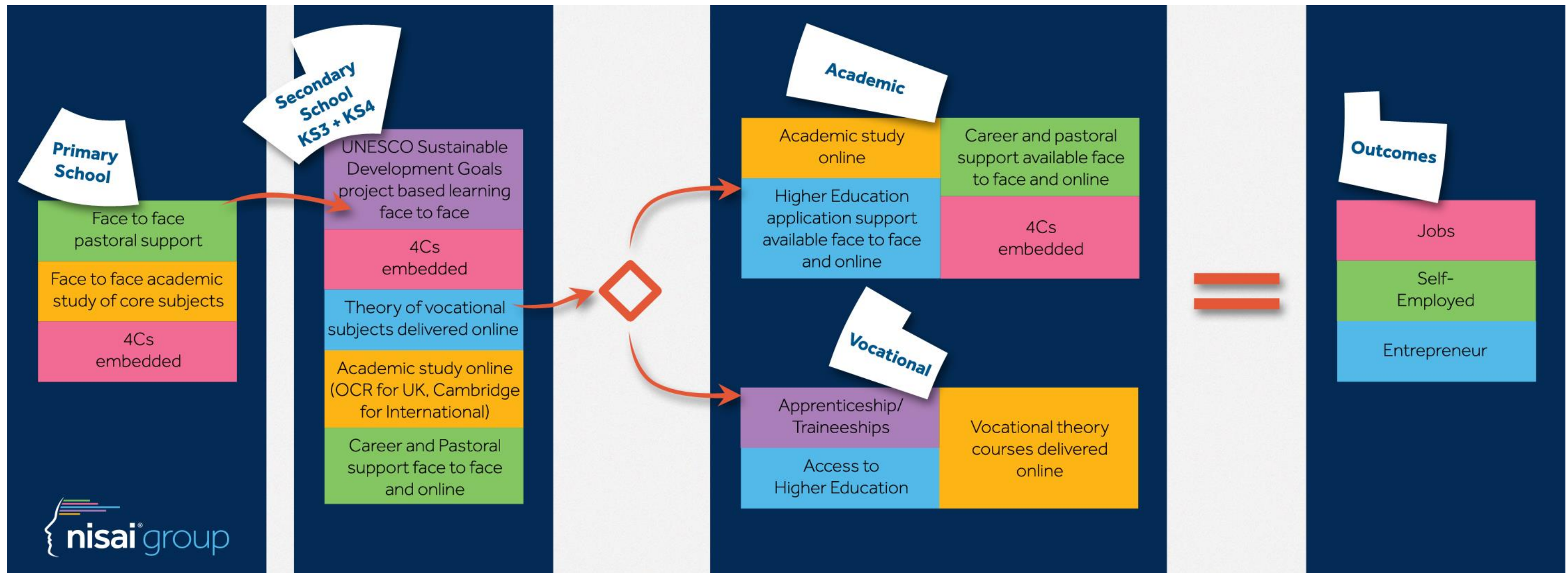
# 21<sup>st</sup> Century Pedagogical Approach

Adapting the way we educate to prepare today's students for tomorrow's future.

Based on three pedagogical principles:

- ***Personalisation*** - Learning shouldn't be 'one size fits all'. Driven by the learner but still focuses on meeting targets
  - ***Participation*** – Encourages project based learning, where students lead and actively engage
  - ***Productivity*** – Continual professional development for teachers and encouraging life-long learning
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# Blended approach to 21<sup>st</sup> Century Learning





# Case Studies and putting it in to practice

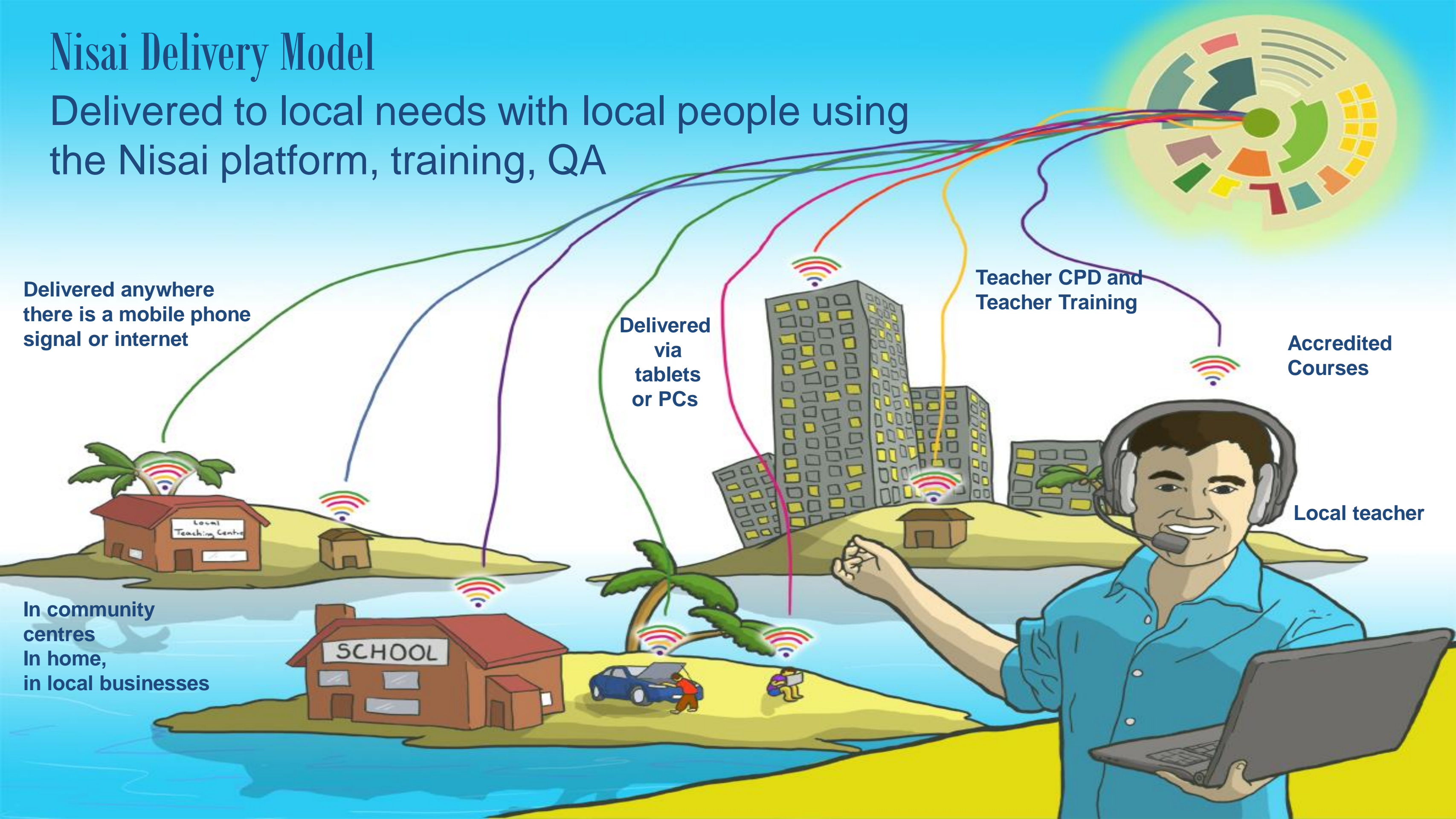


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# Nisai Delivery Model

Delivered to local needs with local people using the Nisai platform, training, QA



# Teacher CPD – Delivered Online

- Delivery of teacher CPD in the UK and to overseas to Nisai Partners
  - Trainers using an online platform to encourage involvement, interaction, small group work
  - SEN Training by skilled and qualified staff
    - Modules covering Autism, Managing Challenging Behaviour, working with gifted and talented learners, Managing student anxiety
  - Workshops being delivered online in multiple locations to make the programmes affordable – reducing travel and premises costs
  - Staff accessing from their place of work and in twilight sessions
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# Outcomes


- Better standards in the quality of teaching
  - Upskilling teachers who are already recruited
  - Job satisfaction – staff being supported and invested in
  - Staff retention improves
  - Issue of staff recruitment and staff shortages is addressed
  - Students outcomes improve
  - Education is made more accessible to learners due to the breadth of the teachers skillset
  - Teachers are empowered, well trained, professionally qualified, motivated across the whole education system
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# Nisai Learning



Offering a high-quality, experienced  
implementation model to support the targets  
to meet the Sustainable Development Goal for  
Education.



# Thank You

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