ADB ASIAN DEVELOPMENT BANK

Microsoft

Exploring Education Transformation

From Recovery to Reimagining a New Normal

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New Normal Summit

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Agenda

- Overview of Education Transformation Framework (ETF)

- Sample ETF journey

- Sample ETF journey assets

EXCITING TIMES IN EDUCATION

Data Analytics Driving Decision Making

Enables education institutions to improve student outcomes. Using data analytics, AI and machine learning predictions to deliver actionable insights to the right stakeholder at the right time.

Digital Delivery of Curriculum (Hybrid or Fully Online)

Improved teacher effectiveness

Improved learning outcomes

Increased curriculum use and tracking effectiveness

Digital Courseware, Virtual Labs, Simulations

Increased student engagement and academic improvement

New learning models and interactive scenarios (i.e., gamification)

Anytime anywhere learning

Remote Learning Capabilities

Increased Demand for Skilled Workforce

Business of schools' efficiency metrics

Increased student satisfaction, attraction and alumni engagement

Increase faculty and staff satisfaction

Globalization of Learning
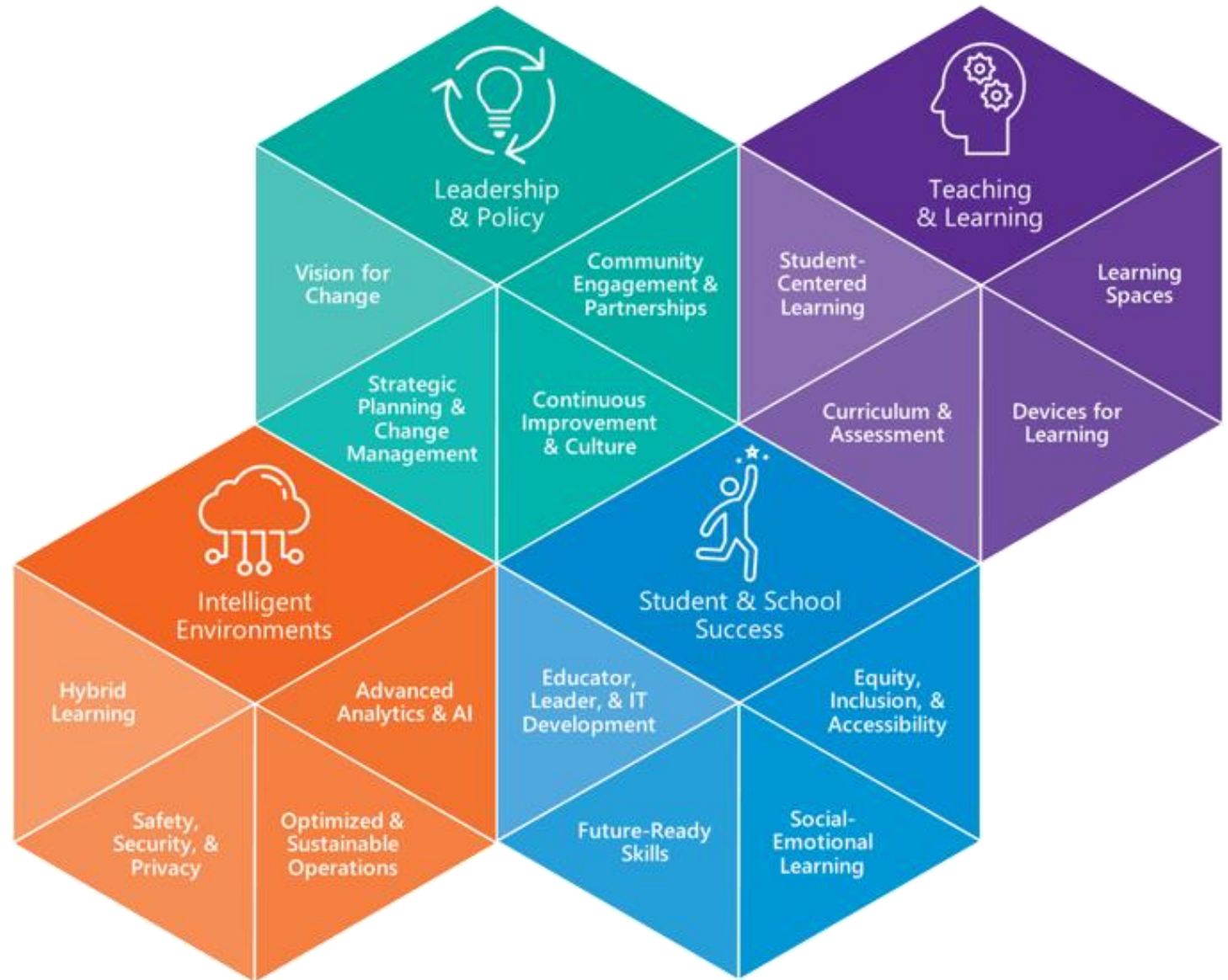
Investment Into Research for Innovation

New Partnership Models With Industry and Government

Strategic multi-year Industry engagement aligned with the Education Transformation Framework

Improves Education outcomes

Education Transformation Framework

DIGITAL TRANSFORMATION IS ABOUT

PEOPLE

Activity

ETF Leadership and Policy

[Education Transformation Framework](#)

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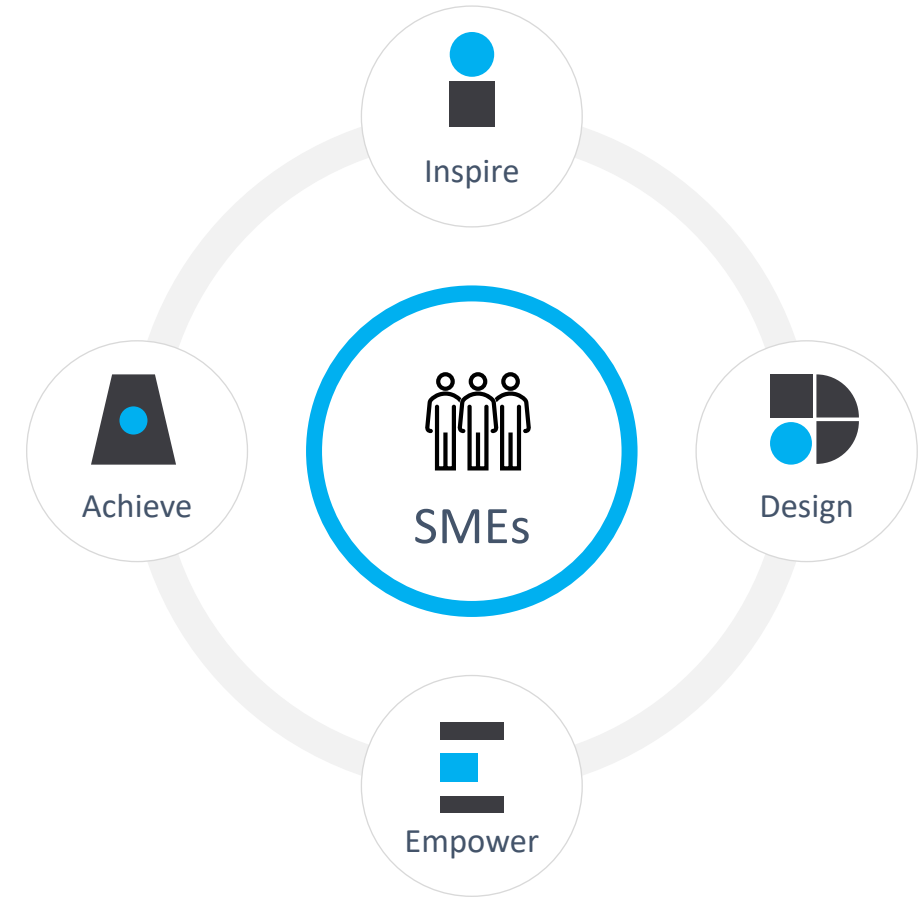
Education Transformation Framework

Overview

Connecting Vision to *'getting it done'*

What and why

How

Your transformation through the IDEA framework

Inspire

Imagine what transformation could mean for education with a customized list of priorities

Design

Quantify the value of your education transformation with an executive-ready proposal

Empower

Ensure buy-in across your organization with visual assets and immersive experiences

Achieve

Execute your strategy and ensure a smooth launch with the right resources

How we'll get there:

Envisioning workshop

Solution assessment
(education value and technical)

Solution demonstration

Transformation plan

Education Digital Strategy Vision and Design Journey

INSPIRE

Trends & Insights
What key trends and insights are relevant to the organization? What are Microsoft's POV and/or perspectives on certain trends?

Envisioning Workshop
How do you envision the future reality of your organization? How will you monetize your assets and capabilities? How will you create new revenue streams?
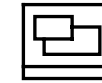
Digital Journey Map
How do your customers engage with the organization? Where are the friction spots in the customer journey?

Scenario Planning and Prioritization
What are the business drivers? What are your investment objectives? What are the benefits of each of your ideas?

DESIGN

Solution Storyboard and Narrative
What does the future state look like? What customer pains and needs are you solving? What is the desired outcome for the customer? Illustrate the desired state and desired outcomes.

Rapid Storyboarding and Prototyping
How do we test ideas and assumptions? What will the experience look like? How do customers react? What do we need to change?

EMPOWER

Education Value Services
What does the education opportunity look like for the prioritized scenarios and solutions?

Digital Maturity Model Assessment
What are the organization's digital capabilities? What are its constraints?

ACHIEVE

Digital Enablement Office Proposal
How can the organization anticipate and address challenges? How will you drive the change, and manage risk, governance, compliance, and adoption? What are the phases and milestones to get there?
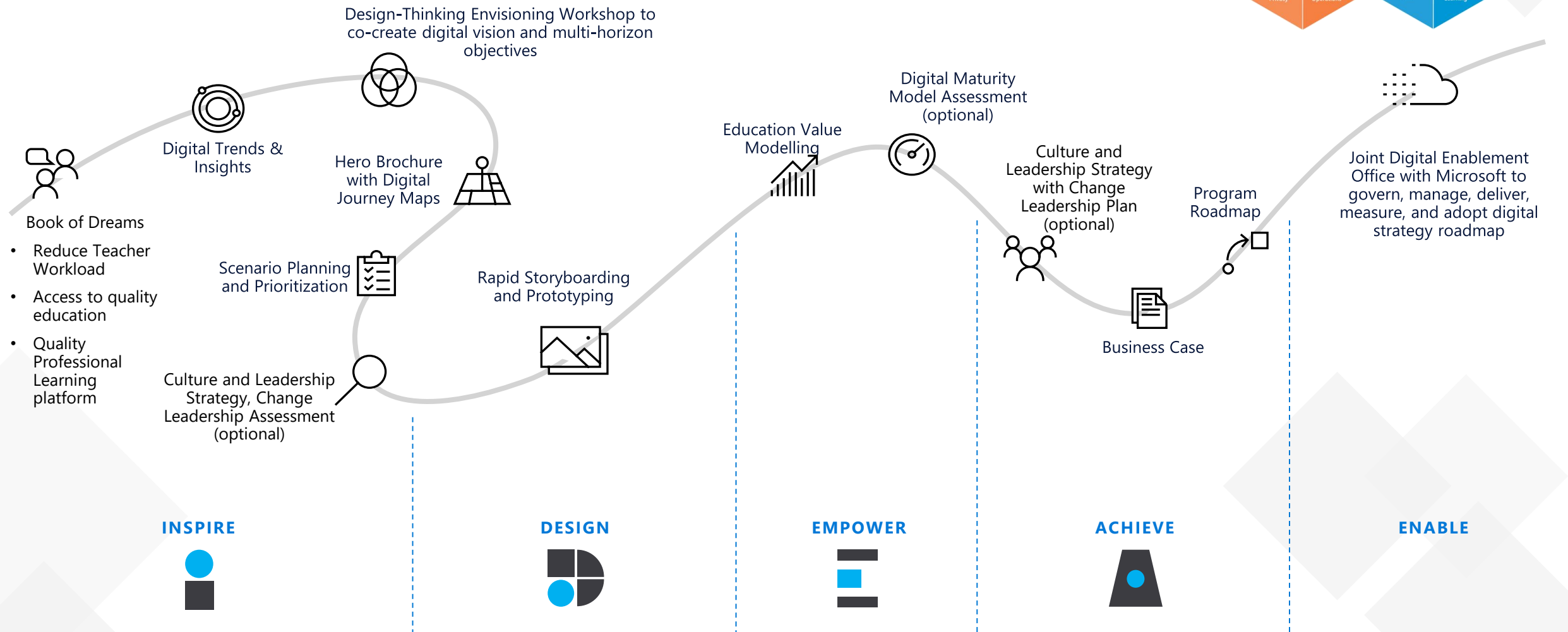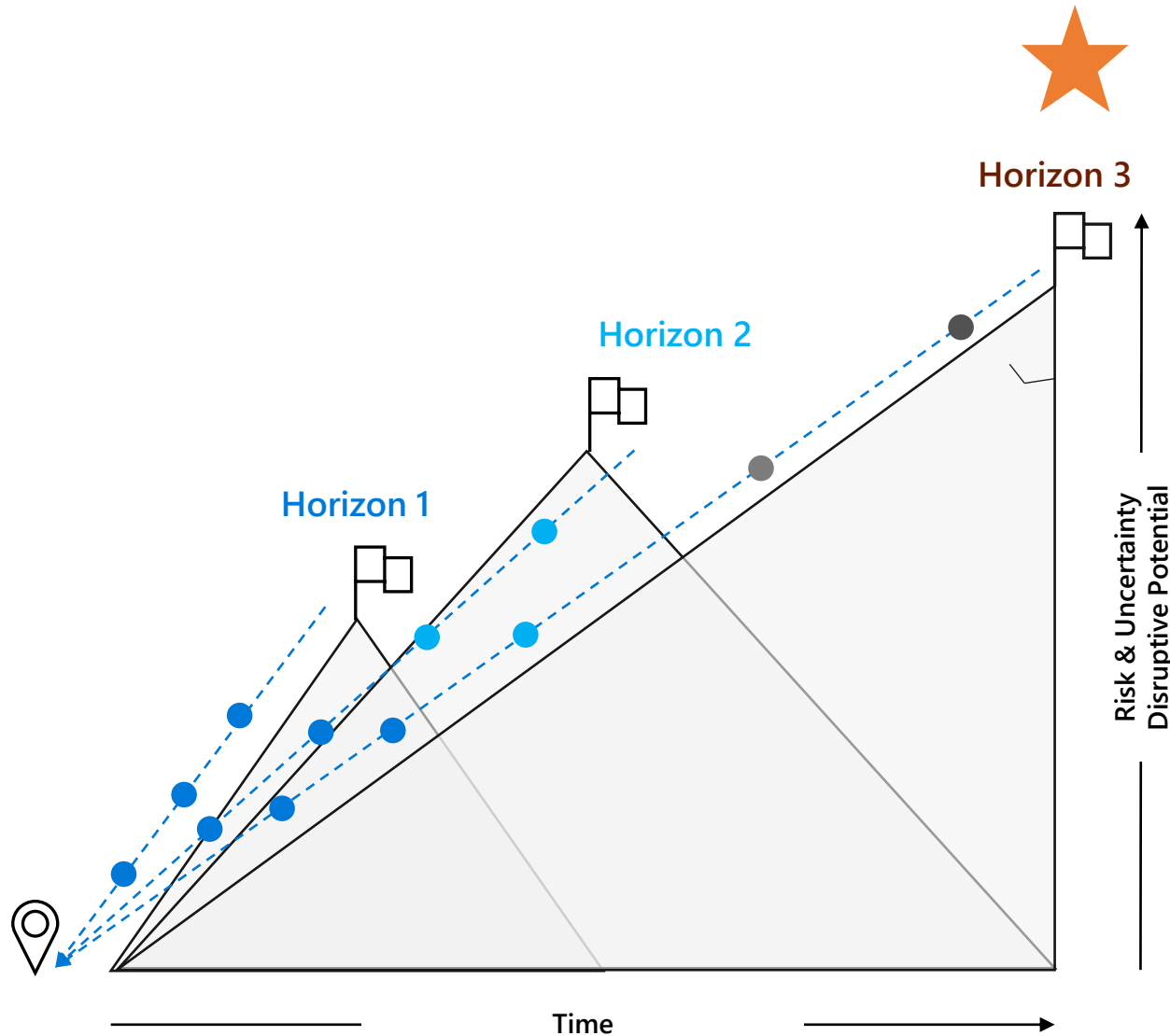
Detailed Business Case and/or Statement of Work
Does the strategic, economic and technical feasibility of the scenario support ongoing investment and risk? How can Microsoft help to deliver the desired outcomes?

A Sample Education Digital Strategy engagement

Design-Thinking Envisioning Workshop to co-create digital vision and multi-horizon objectives

Digital Maturity Model Assessment (optional)

Education Value Modelling

Digital Trends & Insights

Hero Brochure with Digital Journey Maps

Culture and Leadership Strategy with Change Leadership Plan (optional)

Program Roadmap

Joint Digital Enablement Office with Microsoft to govern, manage, deliver, measure, and adopt digital strategy roadmap

Book of Dreams
- Reduce Teacher Workload
- Access to quality education
- Quality Professional Learning platform

Scenario Planning and Prioritization

Rapid Storyboarding and Prototyping

Business Case

Culture and Leadership Strategy, Change Leadership Assessment (optional)

INSPIRE

DESIGN

EMPOWER

ACHIEVE

ENABLE

3 Horizons Approach to Education Transformation

The Vision
The organization's aspirational goal

Horizon 3
Change that transforms the organisation

Horizon 2
innovations based on current capabilities

Horizon 1
doing teaching and learning better, based on what is currently being done.

Horizon 1

Horizon 2

Horizon 3

Risk & Uncertainty
Disruptive Potential

Time

Education Transformation Framework

Sample Journey Assets

Book of Dreams

Scenario Dreams

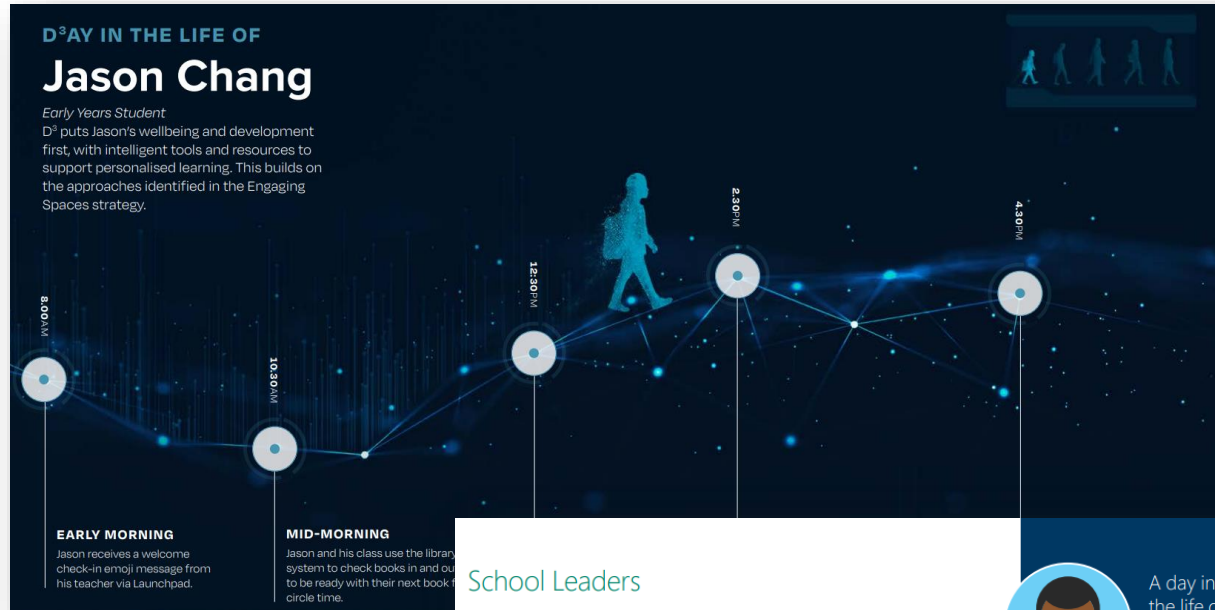|			
1 Student 360	**2** Effective Teaming	**3** Easy Content Creation	**4** Classroom Observation for Professional Development
5 Improved Teacher and Student Communication & Collaboration	**6** Improved Document Workflow within Work Units		
9 Intelligent Curriculum & Career Readiness	**10** Modern Education Workplace (System)		

13 Personalised Learning and AI	**14** Personalized Student Learning	**15** Automated assignment evaluation	**16** Credentialing & career readiness
17 Classroom without Walls	**18** Evidence Based Analytics (for individuals & teams)	**19** Learn & Solve Problems in Teams	**20** Engaging & Innovative Content
21 Real Life Projects & Future Employability Skills	**22** Inclusive Behaviours	**23** Timely & Actionable Academic Feedback	**24** Explore Next Module, Course & Career Possibilities
25 Prospective Students			

Hero Brochures

Day in the Life

D³AY IN THE LIFE OF
Jason Chang
Early Years Student

D³ puts Jason's wellbeing and development first, with intelligent tools and resources to support personalised learning. This builds on the approaches identified in the Engaging Spaces strategy.

8.00 AM · 10.30 AM · 12.30 PM · 2.30 PM · 4.30 PM

EARLY MORNING
Jason receives a welcome check-in emoji message from his teacher via Launchpad.

MID-MORNING
Jason and his class use the library system to check books in and out to be ready with their next book for circle time.

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enabling
every staff member to collaborate and work efficiently

Specialist staff – from curriculum advisers to improvement officers, support consultants, special needs co-ordinators, psychologists or administration staff – will find their roles are simpler and easier with LEADing Lights.

A single, digitally connected system makes it easy to find information and update it without duplicating effort or navigating multiple systems. This enables professionals to share notes and understand the situation they are encountering, keeping everyone up to date and co-ordinated.

Financial planning is included, enabling staff to enter data once to comply with reporting requirements, and obtain a continuous view of their school's performance, benchmarked against others. New school builds can also be costed and managed consistently, enabling comparisons across similar structures to assist in quoting evaluations and ensuring learning spaces are contemporary and digitally ready.

Human Resources staff will enjoy the simplicity of a single HR system connected to a professional learning platform that enables staff to plan their personal pathway and support it with online tuition, courses and more.

There is also easy access to CEWA policies, school governance structures, administration processes, community engagement, marketing, social and communications templates, making it easier to manage marketing aspects of the school.

8.20am
Updates centralised Student Management System with two new enrolments who have been referred to him. They're transfers from other schools, so all of their records move with them, putting him right in the picture.

9.30am
Reviews the centralised attendance report, which automatically texts parents whose child is absent. Passes it on to principal who notes the improvement in attendance correlates with his initiative - the introduction of school breakfasts.

10.30am
Submits article on the importance of nutrition to school newsletter by inserting directly into marketing template.

2.15pm
One-on-one session with student uncovers mental health and wellbeing issues, which he can note directly into the student welfare system, alerting relevant staff to provide assistance.

3.30pm
Video conferences with six special needs teachers in local schools to discuss initiatives that have succeeded for them.

1. Hattie, J. (2009) Visible Learning: A synthesis of over 800 meta-analyses relating to achievement, Routledge. Tucker, M. S. & National Center on Education and the Economy (U.S.). (2011). Surpassing Shanghai: An agenda for American education built on the world's leading systems. Cambridge, MA: Harvard Education Press.
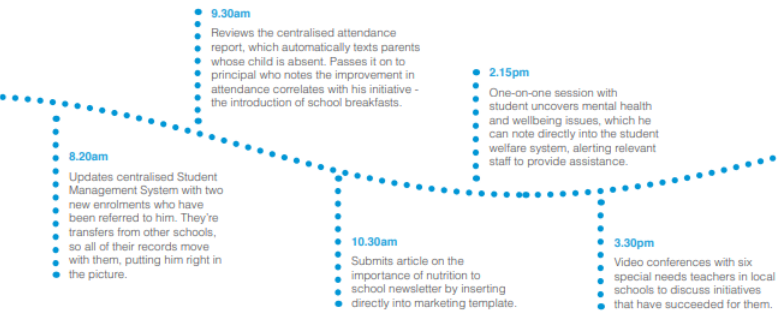

School Leaders

With modern collaboration tools and real-time analytics, Principals have the insights they need to manage a successful school, skill future-focused students, and connect and engage their learning community.

With Southern Star we're providing Principals with an IT environment that can support their goals and their staff, while giving them the freedom to set the digital direction that suits their school.

To help them plan and implement new capabilities and measure their success we're providing a choice of the best digital tools, a high speed reliable network, managed security, Internet filtering, and integrated analytics. Using sophisticated data analysis they will be able to inform school management, and with predictive analytics they can monitor student wellbeing, identify issues and intervene early with positive actions before they become critical challenges.

By automating routine tasks, and integrating and digitising each aspect of running a school - from administration processes, to advanced benchmarking

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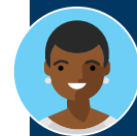
A day in the life of a...
High school Principal

- Run a contemporary engaging education program.
- Provide professional development for teachers to build skills and confidence.
- Use real-time information and analytics to accelerate continuous improvement in student and teacher performance, health, wellbeing and achievement across the school.
- Can connect and collaborate with the wider school community using convenient social communications.
- Improve rankings and graduation rates, and reduce drop-out rates.

8.00am
Marie adds the final details to the school's performance report for the Department. Integrated analytics have revealed improvements in core subjects, an increase of enrolments, improved attendance, and above average performance against SACE and Naplan benchmarks.

9.00am
By graphing course choices against school attendance increases, Marie and the Head of Dept for STEM can accurately predict the need for an additional full-time science teacher next year. They use this data to apply for additional funding and consult STEM Department staff to determine the specifics of the new role.

10.30 am
Marie and the school accountant review a complete analysis of school expenditure, and agree that with power being a major cost, they should look into a community fund raiser to put solar on the school roof and install rain water harvesting. This is in keeping with the school's sustainability goals.

9.30 am
Marie attends an online video briefing from a Department for Education specialist on building a culture of positivity and wellness into the school. She is inspired to volunteer her school to test the new program. Five schools sign up and a Teams site is created enabling them to share experiences and provide ongoing feedback and assessment of the materials.

1.30 pm
Marie has replaced the school newsletter with a weekly vodcast streamed at lunchtime and recorded for later viewing. Parents tune in live to stay on top of school news, plans, events and excursions. They can post questions in the chat window as it runs.

6.30 pm
Marie watches the school performance, streamed live to those who cannot attend in person. The online ticket price is used to help fund the Drama department. The school is expanding its use of real-time events to prepare for school closures during unprecedented weather or other events.

Ready, Set, Go | Adoption and Change Management for Education
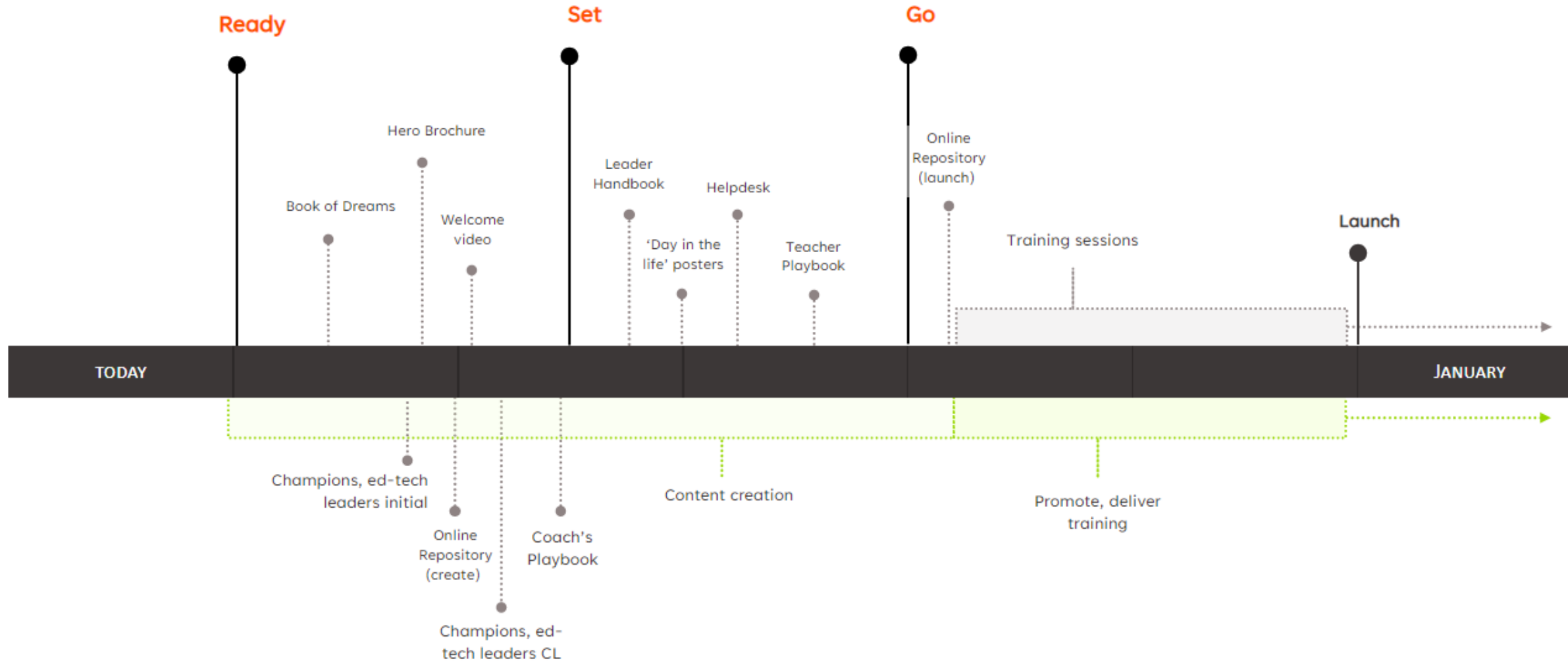
Journey Value

Partnering with Microsoft to realise the true value of education transformation

Vision + **People** + **Technology** + **Process**

- What's possible
- Clarity of vision
- Sharing the vision
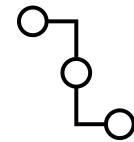
- Leadership
- Adoption and Change Management

- Infrastructure
- User experience
- Effective use

- Transformation roadmaps
- Technical plans
- Governance

| Failure to land vision | Unfulfilled potential | Poor adoption | Disconnected systems | Impact student outcomes |

Microsoft

PowerBI Data Analysis of Activity Data

Non-Identifiable Data - the individual source of the data cannot reasonably be identified.