

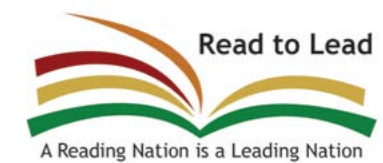


-  **3** ENTREPRENEURSHIP
-  EMPLOYABILITY
-  EDUCATION



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA



If we teach today's students as we taught yesterday's, we rob them of tomorrow.

- John Dewey

ENTREPRENEURSHIP:

The ability to start your own enterprise and eventually employ others

EMPLOYABILITY: Good critical literacy, well developed number sense and the skills to solve problems will increase employability

EDUCATION: School-leavers should be equipped with skills to be responsible good citizens, develop a strong character, and become lifelong learners

WHY SA NEEDS E³

The Fourth Industrial Revolution is here. How do we prepare our learners for a world of work which will be very different from our own? The National Department of Education has a responsibility to prepare learners for the 4IR. This is in line with the National Development Plan (NDP) to 2030. The president has been very clear about the importance of getting ready, and the Department of Basic Education (DBE), in partnership with E³, have made a plan to ensure that every school-leaver is equipped to find a job (i.e. is employable), has access to further education or start an enterprise (i.e. is entrepreneurial).

Research shows that the new world of work requires skills that would not normally be embedded in a typical curriculum. Where the focus in the past was on knowledge and some skills, there is a shift in focus to skills and competencies, and values and mindsets. Where an excellent Grade 12 graduate had a wealth of knowledge and some skills, the E³ Grade 12 learner will have developed, *in addition to core knowledge*, character, and an understanding of the importance of collaboration and critical thinking skills.

Their world will present challenges and learners will need more than just knowledge to solve these problems. E³ aims to unlock non-negotiable skills and competencies for this changing world.



“We can no longer afford to educate today’s students for tomorrow’s world with yesterday’s schools.”
– John Chapin

E³ learners will be survivors who have not only acquired skills but also exhibit empathy, a growth mindset and creativity. They will not turn to others for solutions – their self-efficacy and agency will ensure that they are self-sufficient and empowered.

Our education system is outdated. A national effort is needed to tackle, unpack and solve this huge and complex problem.

WHAT IS E³'S VISION?

In order for South Africa to grow economically, and to prosper as a world-class African country, the schooling system needs to produce learners who are ready to embrace the new workspace: they will be **EDUCATED** and embrace lifelong learning, **EMPLOYABLE** and capable of being **ENTREPRENEURS** (E³).

By 2030, in line with the National Development Plan, E³, in partnership with the DBE, will ensure that all learners are equipped with the skills they need to own the future with confidence and agency, have a solution-seeking mindset. In this project, we call this an *entrepreneurial* mindset and this is what will be driving all E³ activities.

CALL TO ACTION

“IF IT’S GOING TO BE, IT’S UP TO ME.” - THUMA MINA

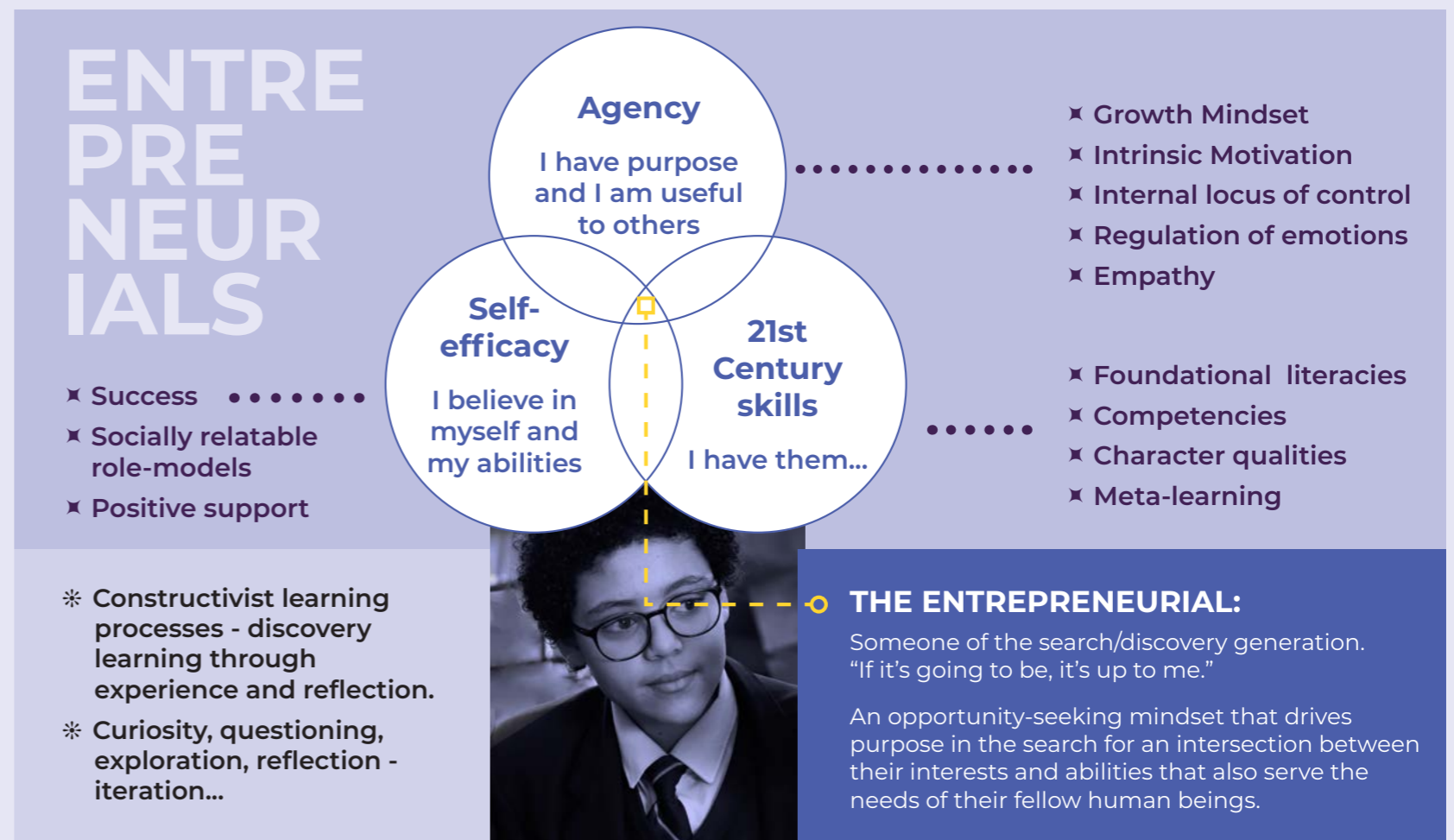
In 2019 President Ramaphosa said in his State of the Nation address: “In our magnificent diversity, and despite our many differences, the people of this country answered the call of Thuma Mina (Send Me). In their multitudes, South Africans asked not what can be done for them, but what they could do for their country”.

We at E³ are embarking on a process to change the way education is taught in SA schools so that our children are engaged and are prepared for the 21st Century and the challenges of Industry 4.0.



THE NEED FOR AN ENTREPRENEURIAL MINDSET

We need to advocate, develop and build an entrepreneurial (21st Century) mindset:



PROJECT-BASED LEARNING

Project-based Learning is the vehicle E3 will initially use to build new entrepreneurial mindsets. It is the compelling problem that needs to be solved that drives the entrepreneurial mindset. “Entrepreneurials” are compelled by a problem they are trying to solve for themselves or others, seeking a problem-solution that makes a connection with their environment. Project-based learning (PBL) facilitates this process.

The process requires using **inquiry and observation** as they *identify the problem*, and **experimentation and adaptation** as they *solve the problem*. It requires **communication and collaboration** with stakeholders to *obtain more knowledge*. It requires **creative and critical thinking** to continue to *adapt the problem-solution*.

HOW WILL E³ ACHIEVE THIS?

It is of utmost importance that we:

- raise awareness
- distribute knowledge
- foster a conversation, and
- establish a culture that will encourage and effect a **Mindset CHANGE** amongst all decision-makers, educationalists, managers, and government officials – and of course teachers...

The impact of this initiative will be measured by a professional monitoring and evaluation team. Their processes measure the mindset and competency of teachers and learners as well as the development of schools and surrounding stakeholder communities towards the goals of E³.

The compelling goal of our E³ action is that 100% of our learners will finish their schooling career with the ability to successfully study, find a job or become a flourishing entrepreneur.

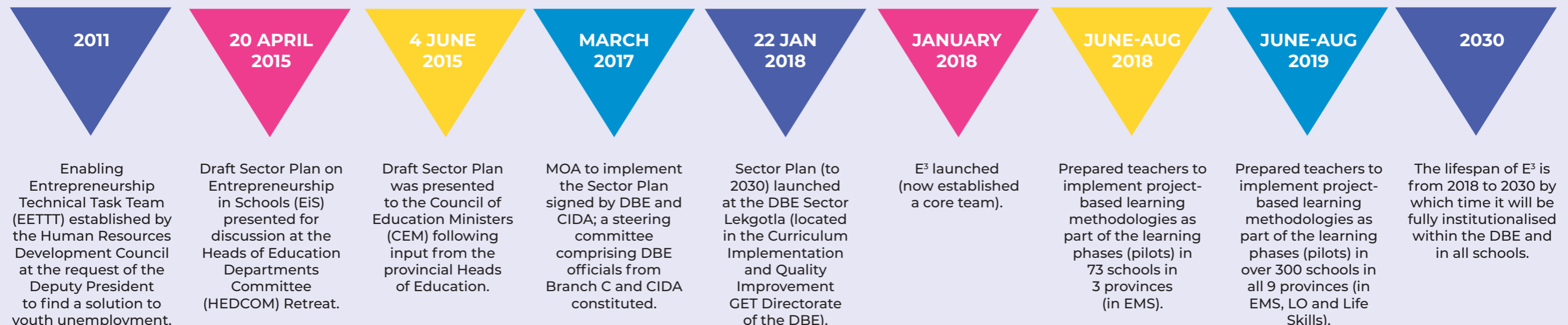


EXCITING DEVELOPMENTS THUS FAR

- Project-based methodology selected as an example of a Progressive Learning Methodology because of its applicability into the CAPs for the Assessment Task set for term three in EMS, LO and Life Skills (teachers can easily learn to integrate the new methodology into their lessons without feeling as if it is extra work).
- Master trainers trained teachers who are now implementing the new methodology into their classrooms country-wide.
- An E³ Tribe What's App teachers' group is actively sharing the learnings and excitement of seeing their learners becoming engaged in their schooling.
- The Department of Basic Education has established a formal unit at the national department headquarters.
 - The E³ team has access to all levels of the education system in preparation for this movement to ultimately become institutionalised into the school process after the learning phases are completed at the end of 2021.

We cannot solve our problems with the same level of thinking that created them
- Albert Einstein

WHAT IS THE E³ PROGRAMME TIMEFRAME?





SUPPORTING TEACHERS TO CHAMPION E³

The teacher's role is to set up a **conductive learning system** by designing **stimulating learning process and projects**; equipping learners with **appropriate tools and methods** and creating **positive learning spaces**.

Teachers will be empowered to implement Project-Based Learning and other Progressive Learning Methodologies to unlock the competencies learners need for future success. The programme aims to create an E³ village using a WhatsApp group where teachers from different provinces share and showcase their work. Hundreds of teachers are active and engaged, inspiring their colleagues on a national scale. This is the start of our professional learning community that will be using our website and social media to share best practice and further their own skills development.

Through training and ongoing support for teachers, the E³ programme is creating an awareness and developing skills amongst teachers to embrace learner-centred ***Progressive Learning Methodologies***. Using these methodologies in classrooms every day will ensure that learners are encouraged to think for themselves, are engaged and experience school as a useful and meaningful activity.

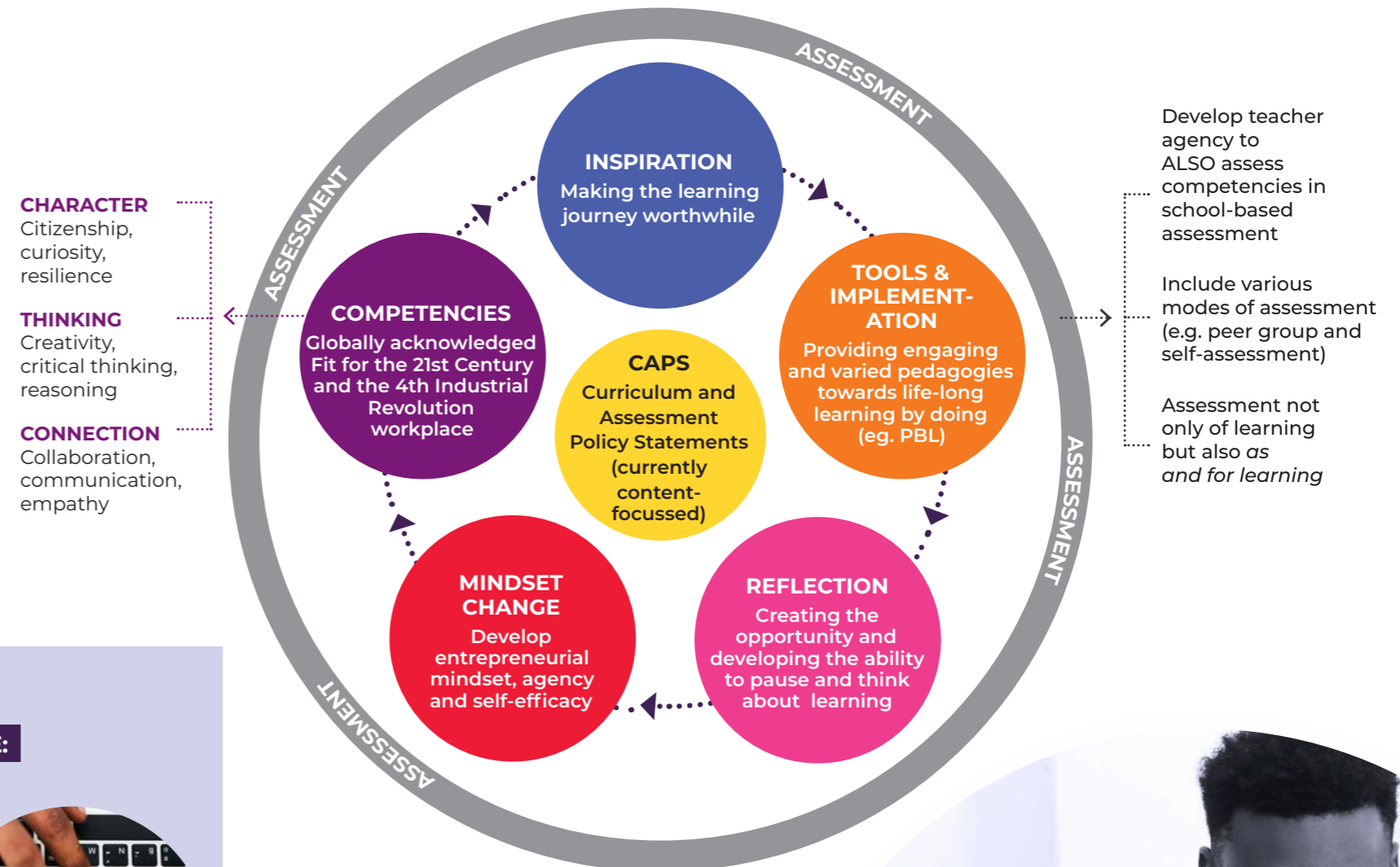


E³ teachers will be continually empowered and have the opportunity to participate in a "black belt for teachers" quest. "Black belt" teachers will actively foster the development of global competencies inside the classroom on a daily basis and will demonstrate entrepreneurial mindsets of their own.

Principals and School Management Teams of schools where curriculum is managed and organised in the E³ way will also progressively receive recognition. We will also encourage the schools to engage in meaningful learning partnerships with parents, NGOs and other stakeholders.

E³ LEARNING MODEL

The E³ model follows a learning cycle that will foster this mindset every day in every classroom.



EDUCATOR'S ROLE

IN THE LEARNING EXPERIENCE:



Design stimulating learning experiences



Equip with appropriate tools and methods

Create positive learning spaces



“ Let's stop asking kids what they want to be when they grow up. Ask them what problems they want to solve and what they need to learn in order to solve those problems.

- Jaime Casap, Google Education

Visit our websites for more info:
www.e3-dbe.org
www.ecubed-dbe.org

