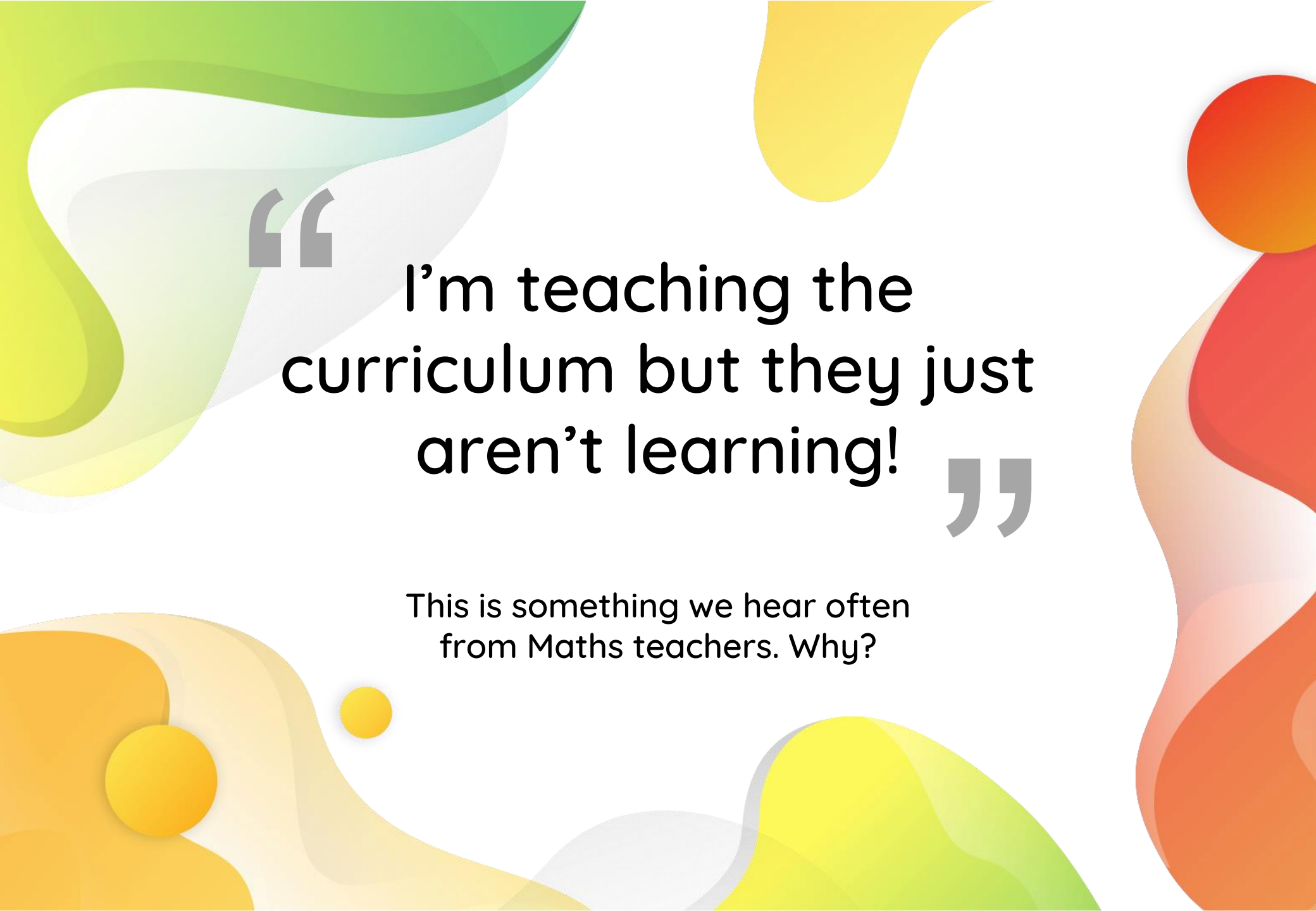




reflective
learning



“

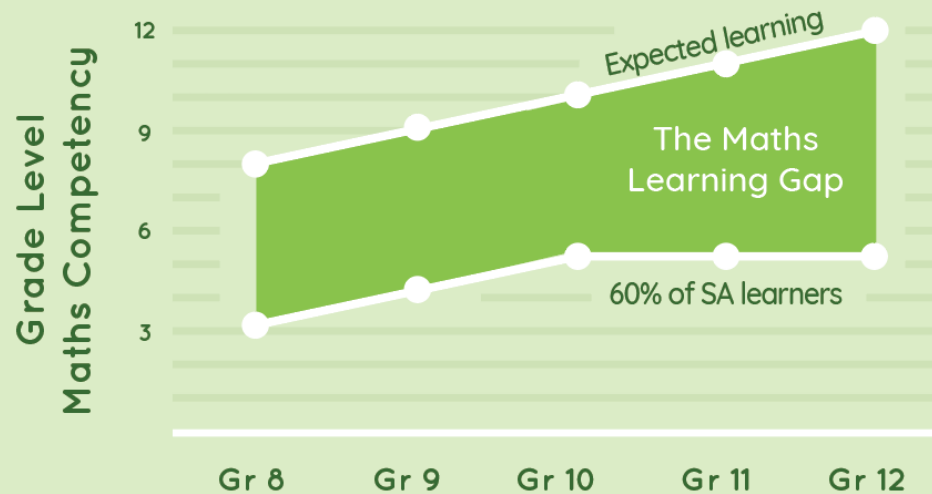
I'm teaching the
curriculum but they just
aren't learning!

”

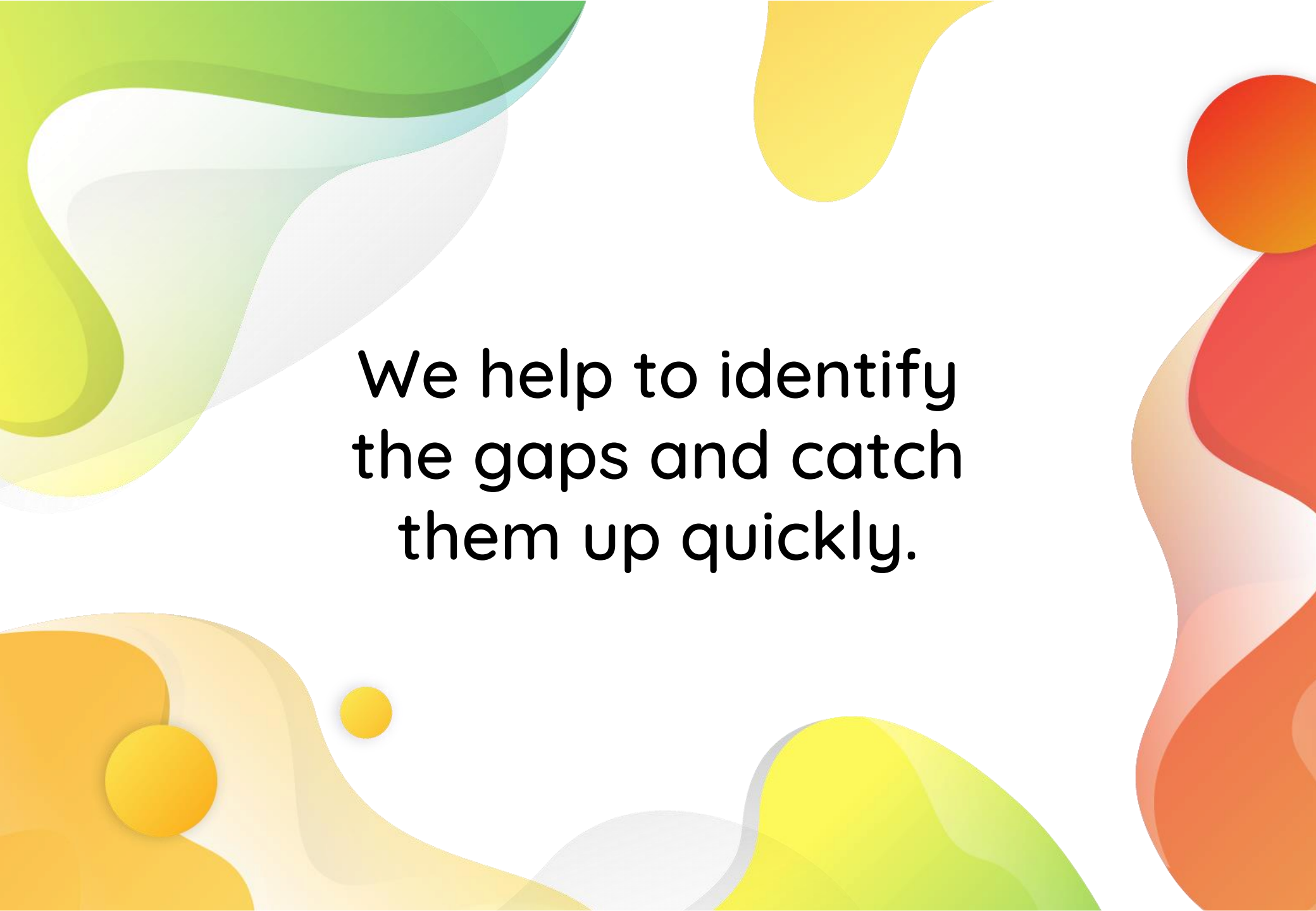
This is something we hear often
from Maths teachers. Why?

Backlogs in Maths learning

More than 60% of South African high school learners are four or more years behind in their Maths ability. This prevents them from fully understanding what is being taught in the classroom – and can leave teachers frustrated.



How do we help maths learners catch-up?



We help to identify
the gaps and catch
them up quickly.

Find the gaps and target them

01

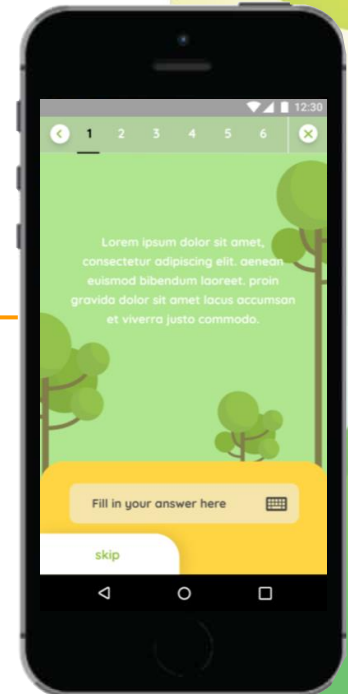
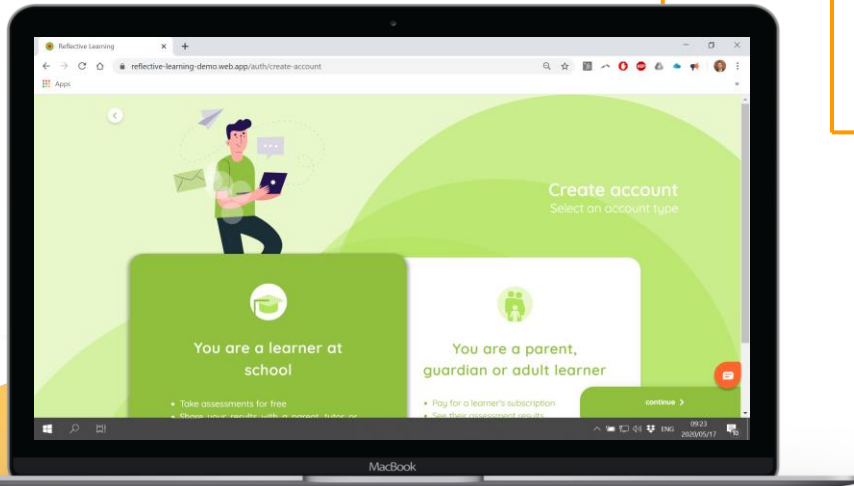
Set up accounts

Send us class lists and we will set up accounts for you and your learners.

02

Identify the learning gaps

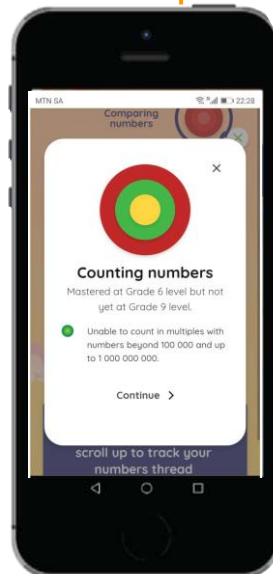
Highly-detailed online diagnostics measure the mastery of 81 foundational concepts at Grades 3, 6 and 9 to identify exactly where individual and cohort learning gaps lie and how far back the problems go.



03

Activate learner engagement through feedback

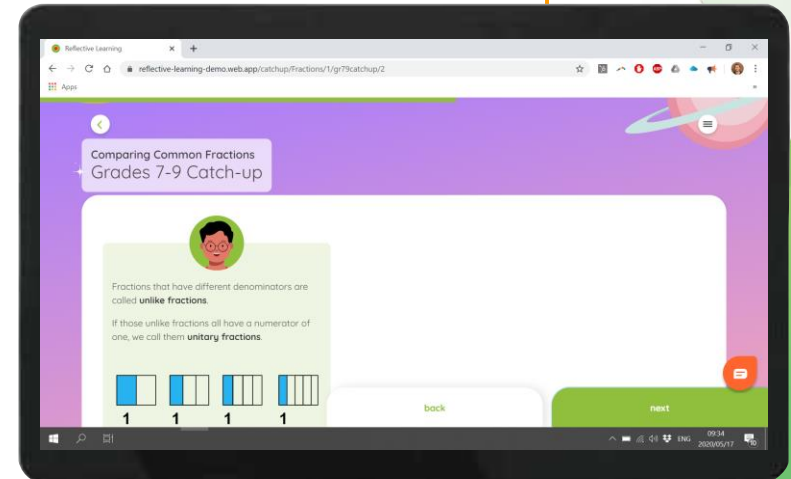
Learners overestimate their ability in Maths which is an obstacle to them engaging. Learners are guided through their results to help them recognise their needs while showing them that it is possible to catch up.



04

Target the gaps with personalised catch-up content

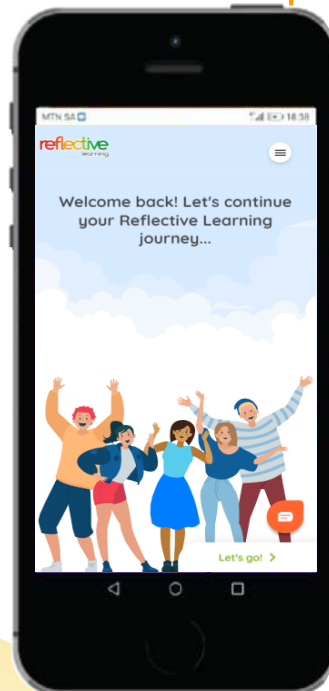
Personalised catch-up content in digital form builds knowledge of each concept from whatever level learners are at up to Grade 9 level. This way, they have the base knowledge required to excel at FET phase.



05

Provide ongoing support

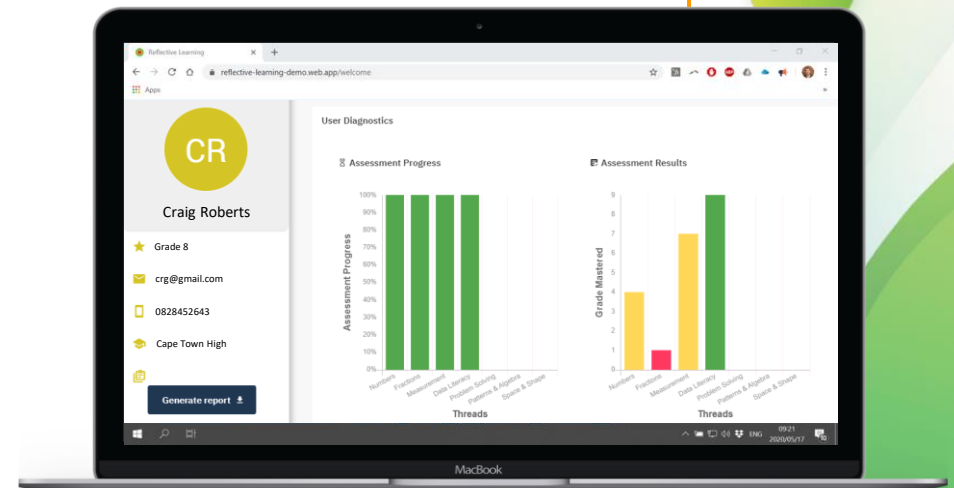
Learners will benefit from someone supporting them through the process. But you don't need to be a Maths expert! Any parent, teacher and facilitator can be assist by being on hand if a learner gets stuck along the way.

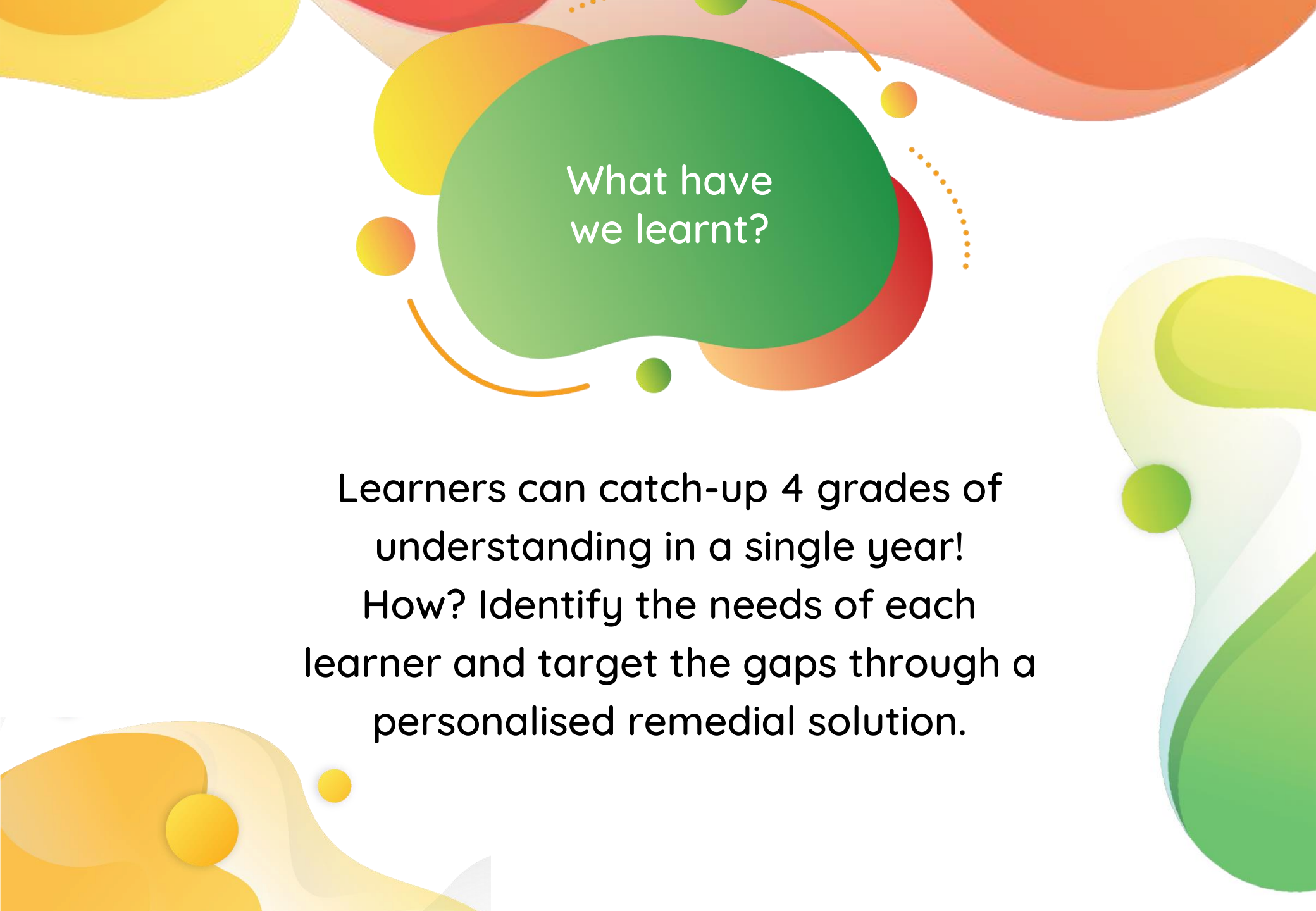


06

Track individual and cohort progress

Re-assessment provides reliable impact statistics and the feedback required to plan the next step of remediation. Downloadable reports and cohort statistics makes it easy for a teacher to follow progress.





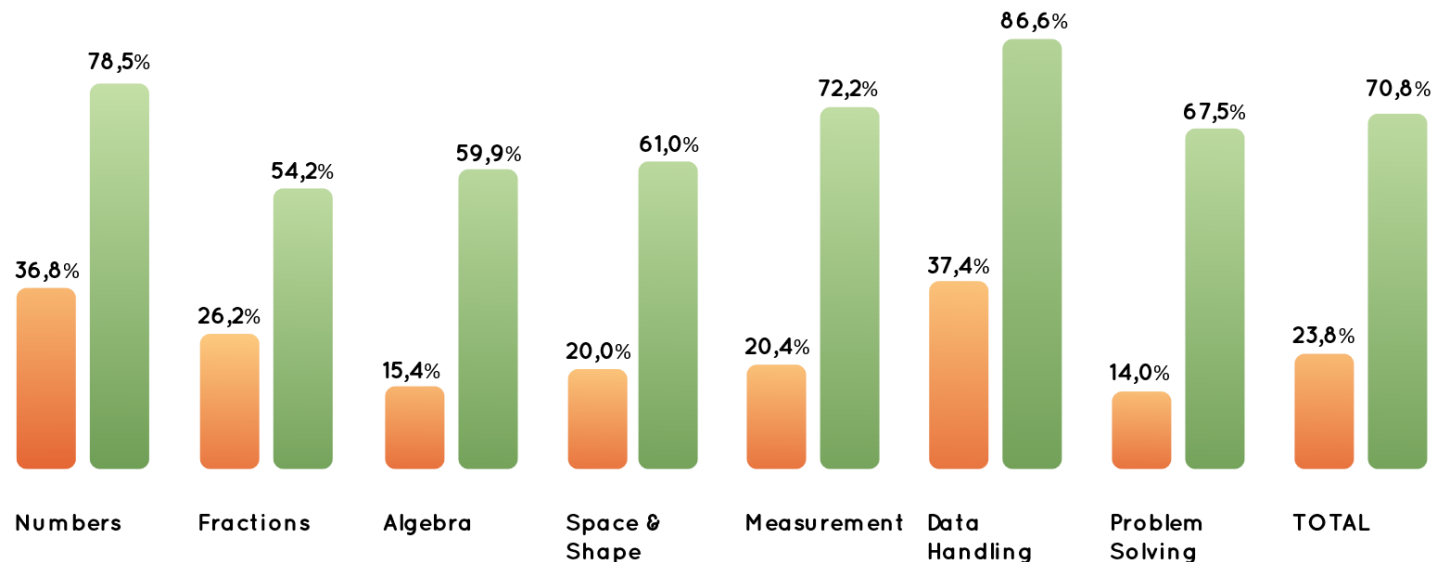
What have
we learnt?

Learners can catch-up 4 grades of
understanding in a single year!
How? Identify the needs of each
learner and target the gaps through a
personalised remedial solution.

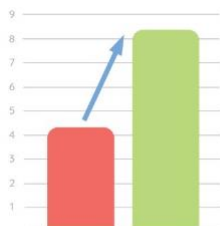
Case Studies

Mpumalanga

Learners improved between 3 and 6 grade levels over the course of only one year. They went on to achieve 3x the national average for NSC passes, bachelor passes and distinctions for Maths.



The long term impact



Meet Reflective Learning pioneer **Bethule Madonsela**

Bethule caught up 4 grades in his Grade 10 year at Uplands Outreach through the Reflective Learning process.

He joined the military and studied emergency medicine at the University of Johannesburg. Today he is deployed at the Kruger National Park, providing medical support to the anti-poaching unit and border troops.



Meet Reflective Learning pioneer **Nicholas Ngwenyama**

Nicholas used Reflective Learning when he attended the Uplands Outreach. In his grade 10 year, he caught up more than 3 grades in Maths! He achieved a distinction for Maths in matric, studied at Wits University and today is a qualified Pharmacist! He also runs an NGO to help his community...tutoring Maths.



Meet Reflective Learning pioneer **Manqoba Nyatsi**

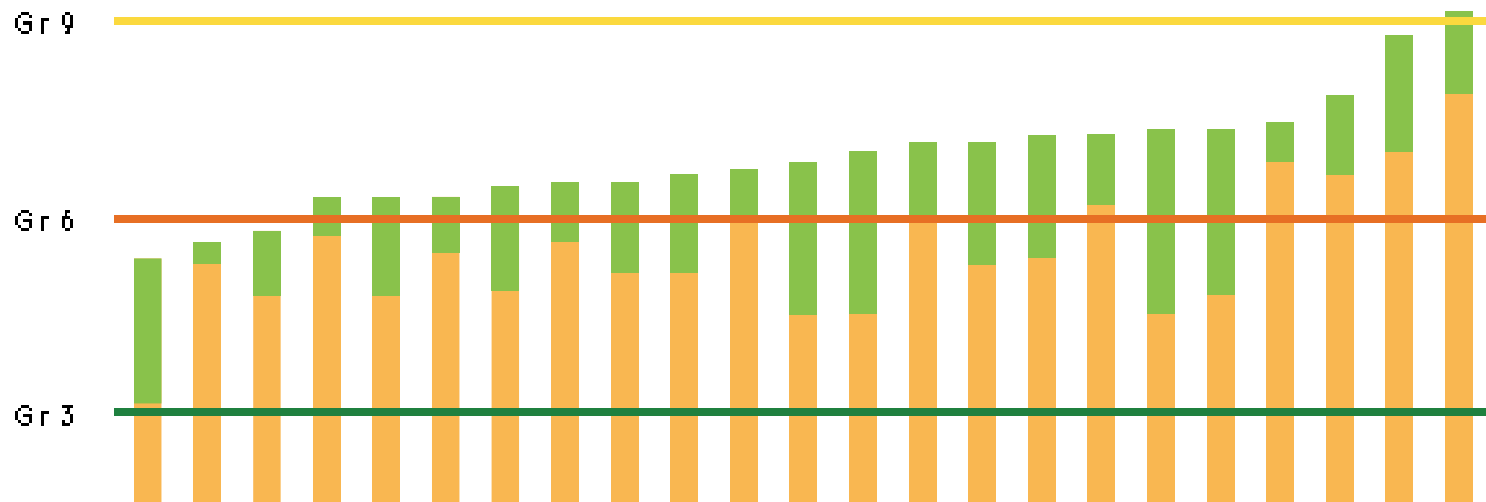
Manqoba attended the Uplands Outreach Learners for Excellence programme.

In Grade 10, he caught an incredible 6.3 grades in one year! He achieved a distinction in Maths in matric and earned an ISASA bursary to study education. Today, he is teaching Grade 12 Maths at in the same circuit he grew up in!

Case Studies

Northern Cape

This class caught up an average of 1.5 grade levels in only four months after working through only a quarter of the full catch-up curriculum.



Case Studies

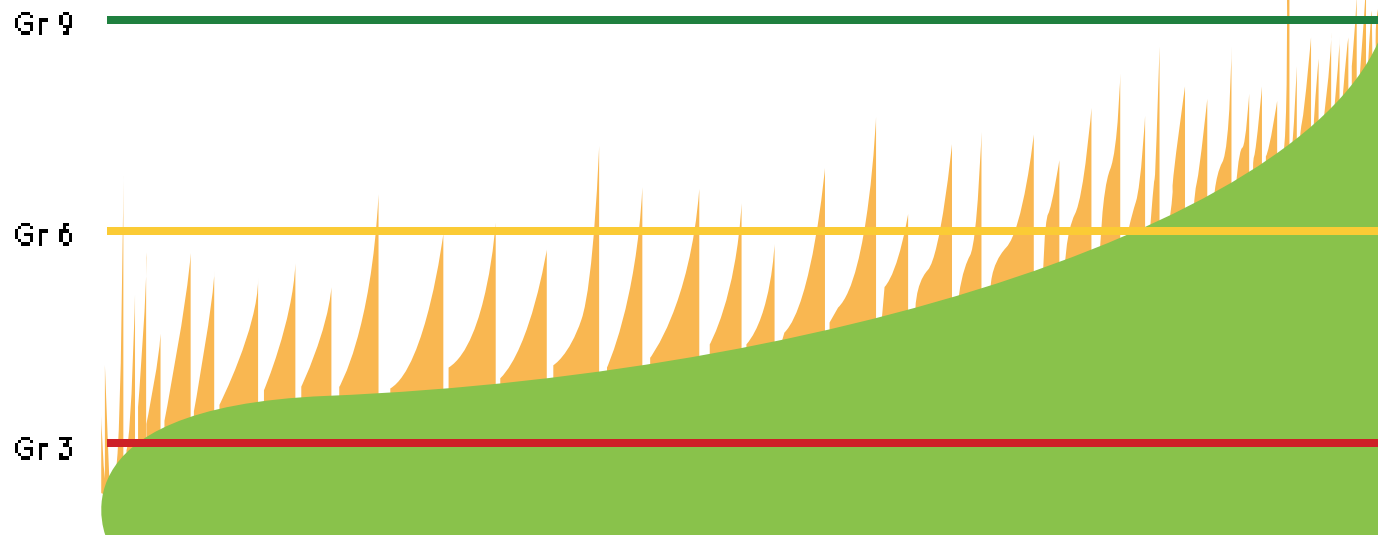
Gauteng & Eastern Cape

After six months of intervention using only a quarter of the full catch-up curriculum, learners improved at an accelerated rate:

35% by 1 grade

16% by 1.5 grades

6% by 2 grades



Published Academic Papers

03

SAARMSTE 2020

Learners hit a ceiling when learning gaps become too large. They can be as much as six grade-levels behind when writing their matric exams.



SAARMSTE

Southern African Association for Research in Mathematics, Science and Technology Education

01

EDULEARN 2017

High School learners are able to catch up 6 grade-levels of maths knowledge in a single year through the assessment as learning approach.

EDULEARN¹⁷

9TH INTERNATIONAL CONFERENCE
ON EDUCATION AND NEW LEARNING
TECHNOLOGIES

BARCELONA (SPAIN)
3RD - 5TH OF JULY, 2017

02

PSYCHOLOGY OF MATHS EDUCATION 2019

There is a positive correlation between improvement in Maths achievement and progress in metacognitive skills..

PME 43

CONFERENCE OF THE INTERNATIONAL GROUP FOR
THE PSYCHOLOGY OF MATHEMATICS EDUCATION

“Reflective Learning became a very important player because it gave us those insights we never had.”

Sarah Mthinsio
Head of the
Telkom Foundation



“Reflective Learning is an extremely valuable diagnostic tool to enable teachers to focus on significant gaps.”

Roger Cameron
CEO of the Anglican
Board of Education



Trusted by:



ST ALBAN'S COLLEGE



CURRO
Online



Made in
South Africa

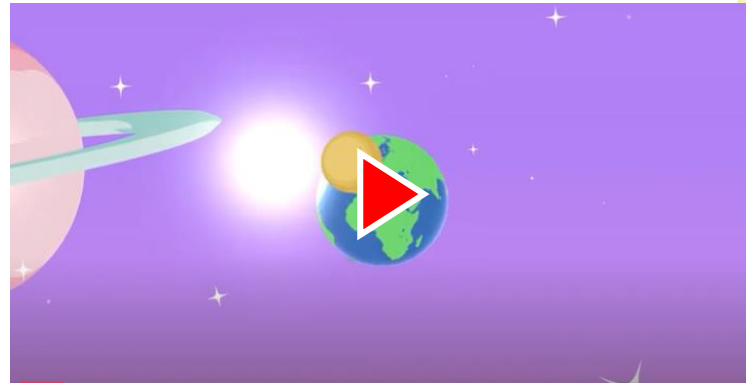


United Nations
Educational, Scientific and
Cultural Organization

Get a
glimpse...



The heart behind
Reflective Learning



What is
Reflective Learning?



www.reflectivelearning.co.za
info@reflectivelearning.co.za

Sir Lowry Road,
Cape Town, South Africa