Using the 4DX project methodology in support of student success

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SAAIR Conference, October 2016

Presentation outline:

DUT

The Kresge Foundation and the Siyaphumelela (we succeed) programme

Siyaphumelela project at DUT

The four disciplines of execution (4dx)

4dx implementation at DUT

What have we learnt and where do we go from here?

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ML Sultan Technikon

Technikon Natal

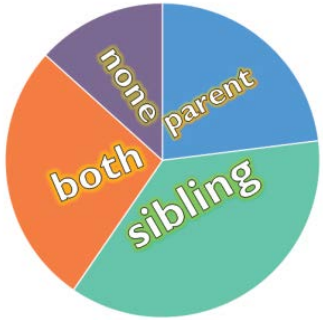
DUT

Who is the DUT student?

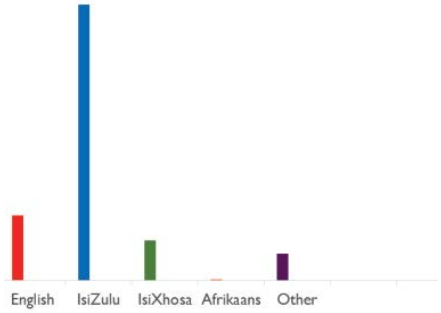
PAYING FOR FEES

FAMILY RECEIVES GRANT

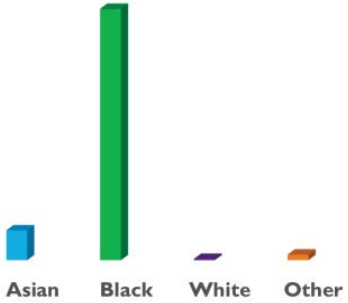
FAMILY MEMBERS WITH MATRIC



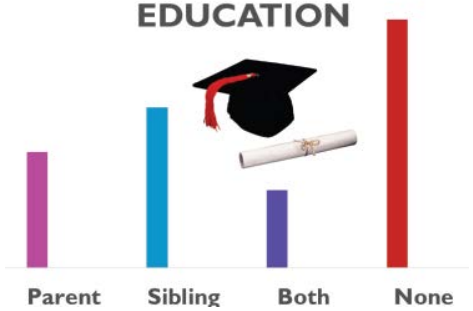
HOME LANGUAGE



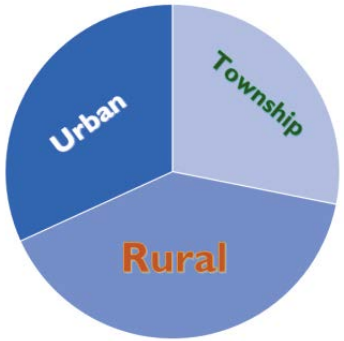
RACE



FAMILY MEMBERS WITH TERTIARY EDUCATION



WHERE YOU LIVE

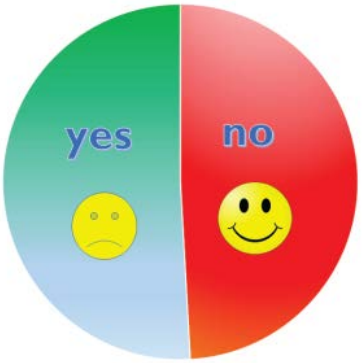


IS THIS COURSE YOUR 1ST CHOICE?

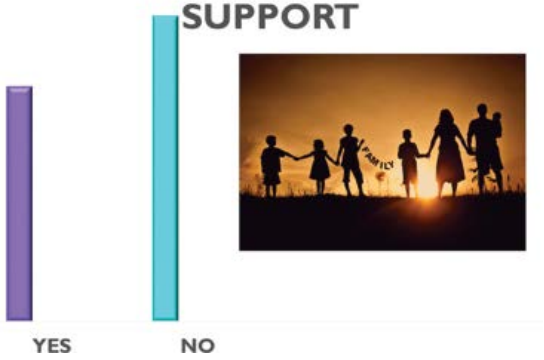
GUIDANCE IN CAREER CHOICE

RESIDE DURING TERM

DIFFICULTY FINDING ACCOMODATION?



RELATIVES NEARBY FOR SUPPORT



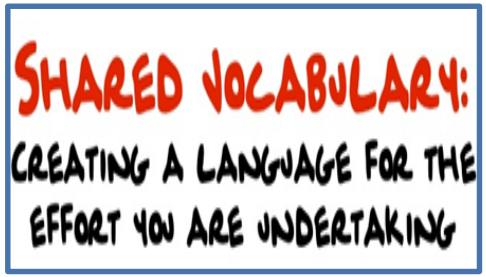
HOW LONG TO GET TO CAMPUS

WHAT PUBLIC TRANSPORT

Siyaphumelela Programme Goals

Data collection & integration

South African models



Shared vocabulary

Cadre of IR data analysts

Coherent, university-wide strategy for improving success that meaningfully connects leadership, academic, and student services stakeholder

Shared mechanism for storing and retrieving student data

Faculty and staff using student data for timeous interventions

DUT Siyaphumelela Project Goals

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PROJECTS UNDERWAY

What is student success?

Cohort Studies

Engagement Surveys

Student success alignment

Epistemic access- Who are our students?

Data integration

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DUT Siyaphumelela project structure

Student Success Task Team

Core Project Team

Working / research groups

- Engagement surveys
- Data integration
- Student Success initiatives - alignment
- Epistemic access- Who are our students?
- Cohort studies
- *Faculty working groups*

Student Success Task Team

- Vice Chancellor
- DVC: Academic [Project Leader]
- Executive Deans or Representatives
- The Registrar's Division
- Student Services Division
- General Education
- E-learning
- The Planning Office [Director: Project Driver]
- Management Information
- CQPA
- CELT (AD)
- SRC
- ITSS
- Library
- Finance

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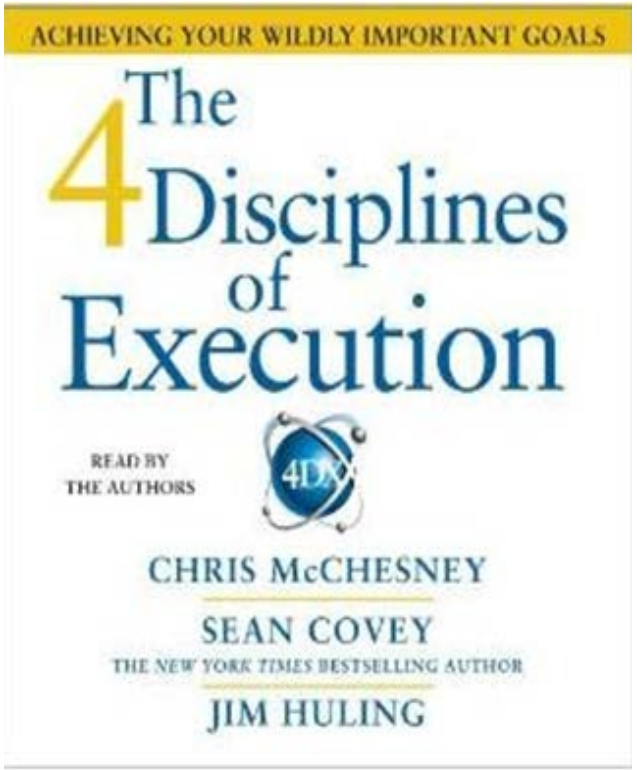
The four disciplines of execution (4dx)

https://www.youtube.com/watch?v=ahH2WdrovPg



The 4 Disciplines of Execution (4DX)

1. Focus on the Wildly Important Goal (WIG)
2. Act on Lead Measures
3. Keep a Compelling Scoreboard
4. Create a Cadence of Accountability

DX/1: WIG From x to y by ?

DX/2: Lead Measures

Lead	Lag
Predictive	Retrospective
Influenceable	Unchangeable

DX/3: Compelling Scoreboard

DX4: Cadence of Accountability

4DX

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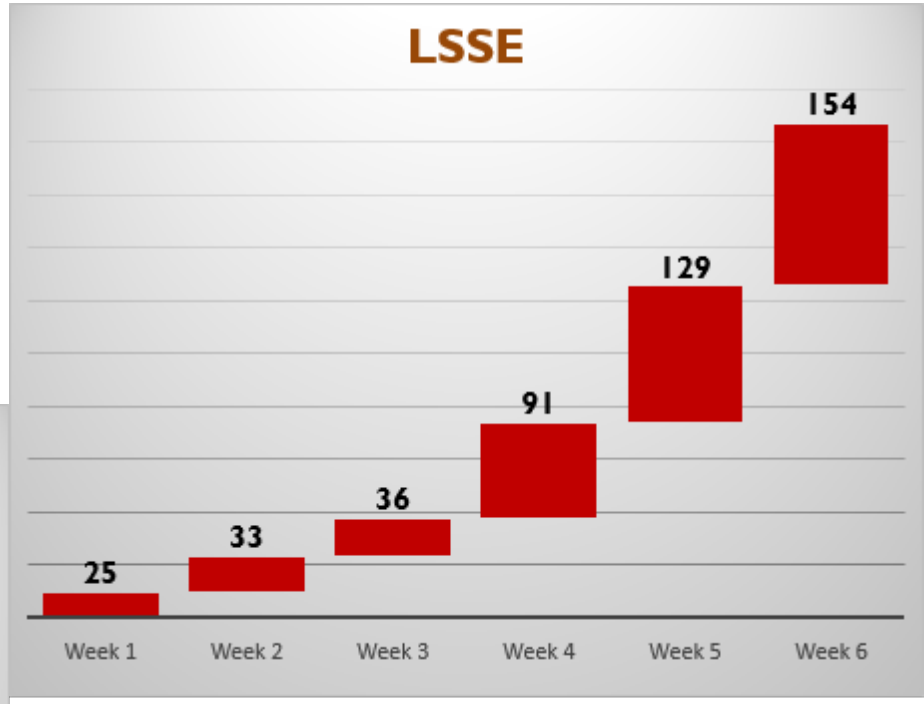
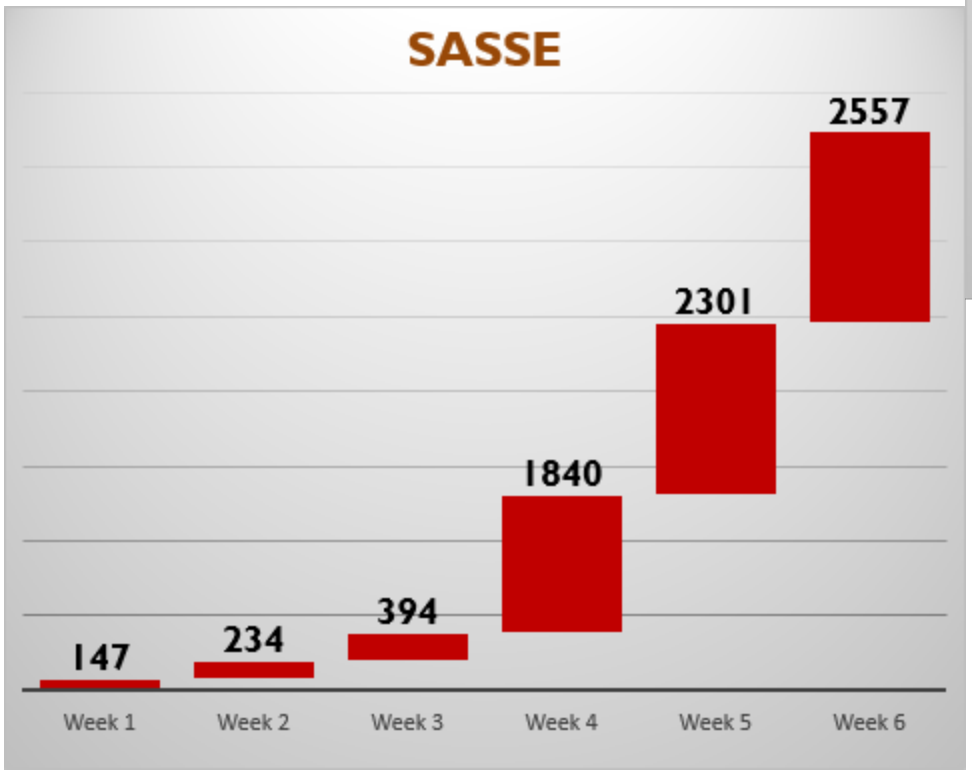
Compelling scoreboard





What have we learnt?

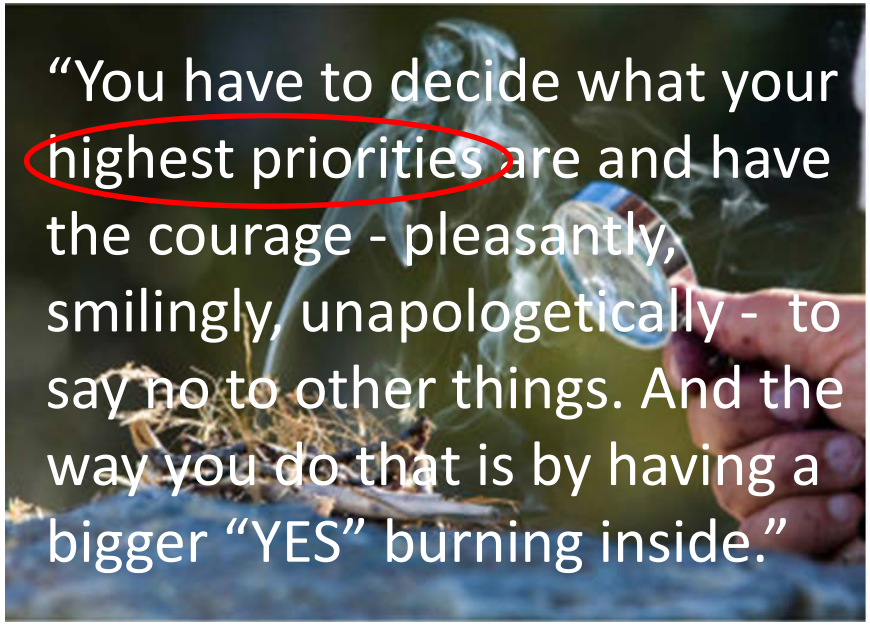
1. WIG?
2. Lead measures
3. Scoreboard
4. Accountability?

Motivation for using 4DX

Work across the university and create space and/or systems for an integrated approach to the use of data in student success improvement work.

Leadership without the discipline of execution is incomplete and ineffective. Without the ability to execute all other attributes of leadership become hollow"

Larry Bossidy



QUESTIONS? DISCUSSION?

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Credits
J Parker, DUT - student profile
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THANK YOU