

# Vocational Education and the world of work!

Anton Barnett-Harris  
Regional Director - Edexcel Africa

# Jacob

- Born in rural village
- Family are subsistence herders
- Village has recently received water and electricity
- Have just acquired a TV
- Jacob goes to a small rural school but shows promise especially in maths and science.
- Teacher motivates for Jacob to go a FET college to get a qualification
- Family sells almost everything on the promise of a ROI from Jacobs potential
- Moves to a nearby city and goes to a local FET College
- He fails the programme along with 60% of his year!

# Nelson

- Friend of Jacobs
- Also from the same rural village
- Also shows good promise
- Goes to Nearby City and FET College but passes.
- Family thrilled and he now is offered a job.
- Within two weeks is asked to leave because he has not arrived on time once and although his qualification says Electrical Infrastructure and Construction he blew up a generator by doing something very basic wrong

This is an example from the Philippines but  
is applicable in nearly every country in  
which Edexcel operates

We believe that the value of the teacher and an intimate knowledge of the local workplace is essential!

- Two key things this morning:
  1. Teachers are key to advancing learning and changing lives.
  2. Involving industry in vocational training is essential to the success of learners.

# Who are Edexcel?

## Good question!

- International Education Solutions Company originally from the UK but now working in over 85 countries around the world
- UK's oldest awarding body formed from University of London and stands for Educational Excellence
- BTEC – some of the finest vocational qualifications around
- 50 years of experience in Vocational Education
- Part of Pearson – largest education company in the world
- We operate in Africa along with our sister companies MML, FT, Penguin Books, Pearson Vue, Business Day and Financial Mail, Pearson Education Achievement Solutions and Pearson Education South Africa

# 1. Teachers are key!

- Research - there is plenty
- The Schools Excellence Initiative research paper "Teachers - the key to student success" from Australia stated that:
  - In the 1960's it was felt that learning was influenced by family and socio-economic influences
  - In 2000 it was felt that "learning organisations" with strong leadership and an effective learning culture had the best impact on students
  - Latest research shows that although what a student brings to the party makes up over 50% of their success, teachers have the most significant effect contributing 30% to the overall achievement of a learner

# Continuing Professional Development is essential for success!

- CPD is vital in keeping teachers up to date with current practices and providing new and fresh ideas to achieve greater success in the classroom.
- CPD courses are an excellent vehicle to achieving this.
- Good CPD courses can help maximise the contribution from teachers in helping students to achieve their potential.
- Edexcel has recognised this need especially in the field of Vocational Education.
- Commissioned development of a full suite of CPD courses related to vocational, work based and academic pathways.
- Have already developed a BTEC Level 4 Professional Award and Professional Certificate for Planning and Delivering Vocational Qualifications.

# Professional Development Courses

Vocational	Work Based	Academic
•Develop creative approaches to learning	•Design learning programmes	•Develop creative approaches to learning
•Coaching and mentoring	•Deliver learning programmes	•Manage a new development
•Develop resources to support learning	•Develop creative approaches to learning	•Use ICT to support learning
•Deliver learning through instruction and demonstration	•Identify training needs	•Update a specialist subject
•Facilitate group learning	•Coaching and mentoring	•Develop resources to support learning
•Advise and support learners	•Develop resources to support learning	•Promote independent learning
•Assessment of workbased competence*	•Develop assessment practice	•Develop assessment practice
•Planning and Delivering Vocational qualifications.*	•Facilitate group learning	•Professional practice
• Internal Verification	•Advise and support learners	•Coaching and mentoring
• Teaching Business English	• Professional Practice	•Advise and support learners
• Delivering Employability Skills	•Deliver learning through instruction and demonstration	
• Tutoring for Distance Learning	• Prepare and deliver presentations	
	•Review and evaluation of training programmes	

## Structure of the Level 4 BTEC *Award* Planning and Delivering Vocational Qualifications

### Core units

Unit 2	Working with Vocational Units
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### Specialist units - Select 2 units from 4

Unit 1	Planning and Implementing Vocational Qualifications
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Unit 3	Designing Assessments for Vocational Qualifications
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Unit 4	Assessing and Grading Vocational Units
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Unit 5	Quality Assuring Vocational Qualifications
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## Structure of the Level 4 BTEC *Certificate* Planning and Delivering Vocational Qualifications - (All units are core)

Unit 1	Planning and Implementing Vocational Qualifications
Unit 2	Working with Vocational Units
Unit 3	Designing Assessments for Vocational Qualifications
Unit 4	Assessing and Grading Vocational Units
Unit 5	Quality Assuring Vocational Qualifications

# Key features and Benefits

- Vocational trainers in the education and training industry can achieve internationally-recognised vocationally-specific qualifications
- Courses aim to demonstrate how fundamental elements such as planning, implementation, design of lessons, delivery and assessment methodologies and quality assurance within vocational training qualifications can help learners achieve their potential.
- Helps to develop best practice and keep knowledge and skills up to date.
- Builds on and develops existing skills and knowledge
- Opportunities for teachers to develop a range of skills and techniques, personal qualities and attitudes essential for successful performance in working life.

2. Involving industry in vocational training is essential to the success of learners.

# Key Questions to ask

- Do teachers know what general skills industry require?
- Do teachers know what it is like working in industry
- How are they able to relay to learners what they will face in the workplace?
- What key skills do industry require?
- What work readiness skills do industry require?
- Do learners understand the importance of aspects such as team work, timelines and consequences of their actions?
- Do the learners understand work pressure?

# Why do we need to do it?

- Success of our learners in the world of work
- Options for our learners
- Socio Economic impact
- More productive workforce
- Local and National economic benefits
- Self confidence and self actualization
- Emotional intelligence

# Recent research on employability skills from Edexcel

- Soon to be published report on “Effective Education for Employment”
- Key points
  1. The issue of students entering the workplace without the appropriate set of skills and behaviours is worldwide
  2. Many graduates have the knowledge but struggle to adapt to working in a business environment.
  3. Companies have to spend a disproportional amount of money training graduates to address these issues.
  4. Therefore, there is a need to embed employability skills within core curriculum.
  5. The curriculum for employability skills needs to be developed by both the Ministry of Education and industry to ensure it is relevant.
  6. Not just relevant for schools and colleges but also industry, lack of formalised in-house training programmes help to compound the issue and results in companies performing below their full potential.
- As a result of the research Edexcel are committed to helping address this global phenomenon through developing an educational solution that uses our expertise to identify skill gaps and then design, deliver and assess programmes that enable students to progress and engage with lifelong learning.

# Industry – A key Component to designing, teaching and assessing vocational qualifications

- Key theme throughout our programmes
- BTEC Covers essential elements like:
  1. How to approach industry to be involved
  2. How to design vocational programmes that are relevant to Industry
  3. How to teach with industry in mind
  4. How to prepare learners with work readiness skills
  5. How to assess using real work scenarios

# What next?

- Contact us to work together to look at ways to improve the skills of your teachers
- Give us your details and we will send you a copy of the EEE report when it is launched at the end of the year.
- Commit to investing in your teachers through CPD
- Commit to involving industry in the education process.

Edexcel

Advancing Learning, Changing Lives

Thank you