

The Triple C Model

A set of techniques and methods for use in learning environments where there is a desire to optimise student retention and performance.

Based on:

Care

Control

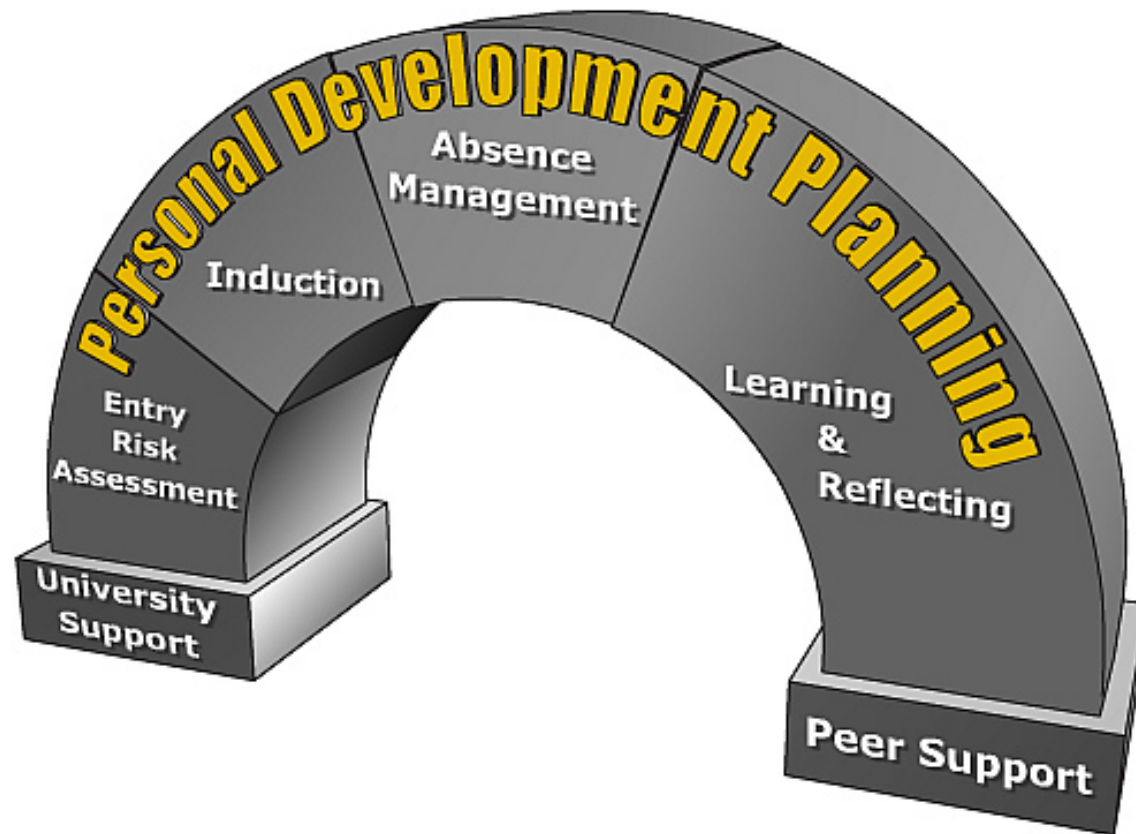
Consistency



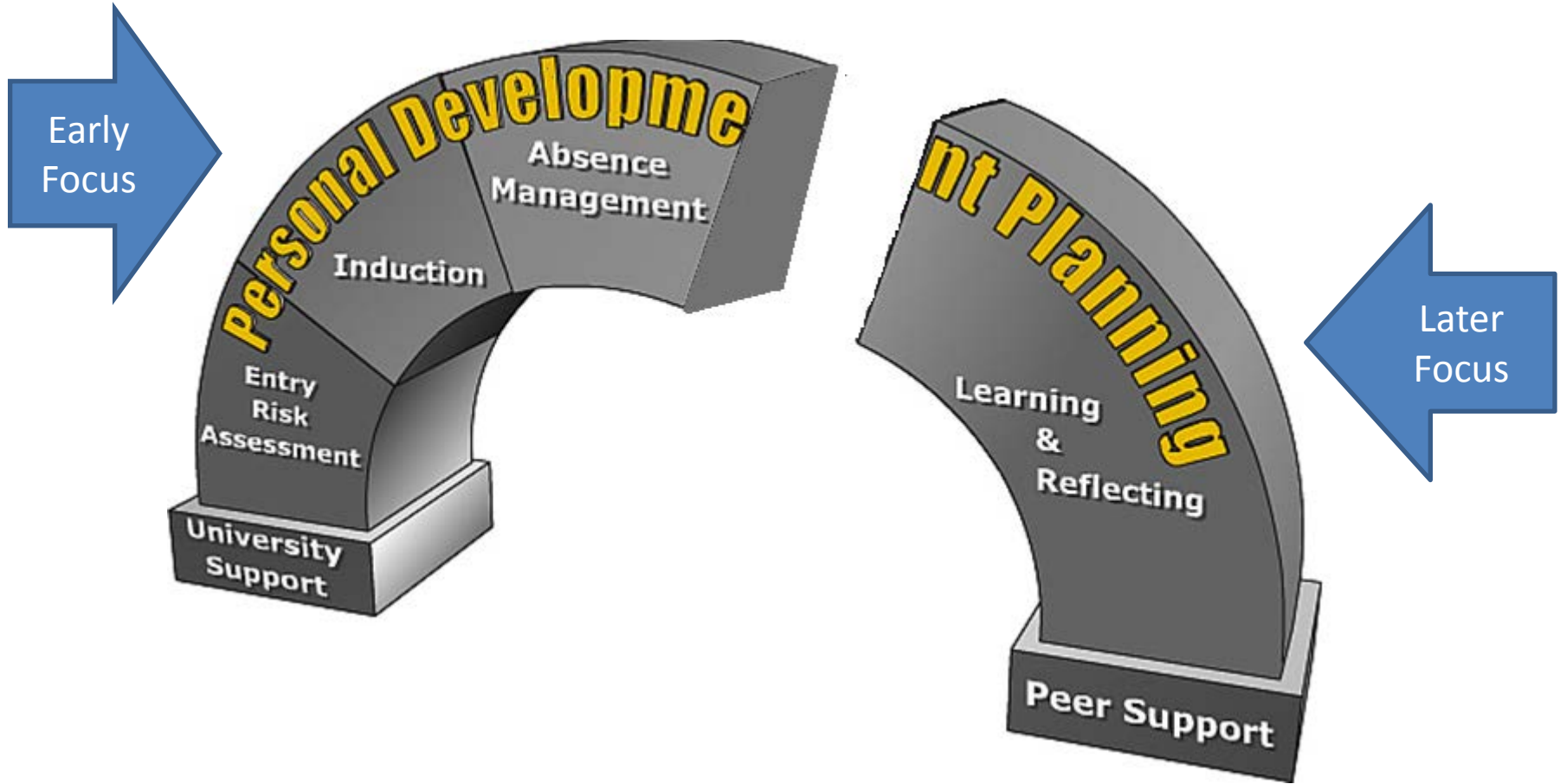
Information and resources available at

<http://triplecmodel.org>

A paradigm of optimum HEI student retention and performance

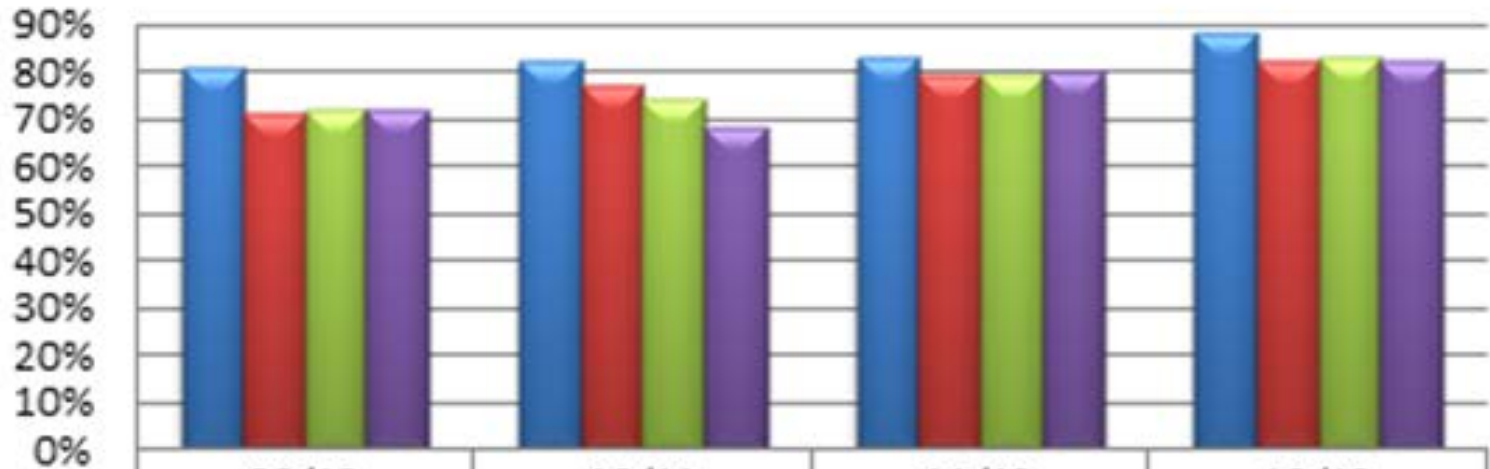


Two Phases to the Approach



Improvements Achieved

Progression Trend



	09/10	10/11	11/12	12/13
Level 1	81%	82%	83%	88%
Level 2	71%	77%	79%	82%
Level 3	72%	74%	79%	83%
Level 4	72%	68%	80%	82%

Training PhD Students to Become Effective Laboratory Demonstrators

Barry J Beggs and Elaine M Smith

Problem Analysis

- Student feedback from a number of sources, including the National Student Survey (NSS), exposed the fact that the student experience in laboratories was variable and inconsistent.
- Students sometimes felt disadvantaged by the poor preparation and inexperience of their laboratory demonstrators.
- There was evidence that the average performance of some laboratory groups taking the same module was determined by which PhD student supervised the lab.

Action Strategy Design

- Need to improve student satisfaction with the NSS response category 'teaching on my course'.
- Desire to ensure that only suitably qualified and experienced staff would work directly with taught students.
- Opportunity to provide PhD students with continuous professional development in effective laboratory teaching.

Action Strategy Implementation

An online module was designed and delivered using a virtual learning environment.

Action Strategy Implementation

- The module was divided into 6 sections each of which took approximately 2 weeks to complete.
- PhD students attached to the module were part of a community of learners.
- A shared wiki and a personal reflective logbook were used to promote engagement and to enhance the training.

Laboratory Demonstrator



[Welcome Message](#)



[Module Descriptor](#)



[Laboratory Demonstrator Handbook](#)



[Module Materials](#)



Our Learning Community Wiki

[View](#)



Reflective Individual Journal

[View](#)

Please use this reflective individual journal to reflect on your experience as a laboratory demonstrator.

Module Materials



Section 1 - Introduction

Please read pages 1-4 of the Laboratory Demonstrator Handbook before you proceed through this section



Section 2 - Preparation

Please read pages 5-7 of the Laboratory Demonstrator Handbook before you proceed through this section



Section 3 - Health and Safety

As a laboratory demonstrator you are responsible for supervising your students at all times and for ensuring

Section 1 - Introduction



Read pages 1-4 of the **Laboratory Demonstrator Handbook** before you proceed through this section

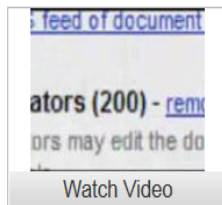


TED Talks Rita Pierson: Every kid needs a champion

Although this TED talk is given by an educator who is teaching children you may find it interesting to watch. Think about what motivates students to learn and how you will capture this in your laboratory sessions.



A Vision of Students Today



A Vision of Students Today

Duration: (4:44)



User: mwesch - Added: 12/10/07

This YouTube video shows students in the USA providing feedback to us about what it is like to be a student today. Watch this and remind yourself that other things are going on the lives of students that we teach.

Section 1 – Introduction continued



What makes you good at learning?

Attached Files:  chapter 2 making learning happen part one.pdf (44.855 KB)
 What makes you good at learning.pdf (14.408 KB)

Print out, read and answer the four questions on the first handout before moving on to the second handout. You can add your answers to the Learning Community Wiki and participate in the discussion there.



Making Learning Happen

Attached Files:  chapter 2 making learning happen part two.pdf (116.289 KB)

This is another excerpt from a book called 'Making Learning Happen' by Phil Race. Read this before progressing to complete Formative Test One. You should also reflect on what you have learnt by completing Section 1 of this formative module and make an entry about this in your reflective journal.



Formative Test One

This test should be completed after you have viewed and read all of the material in Section 1

Guidance on Getting Started

- Login to the virtual learning environment community called “Laboratory Demonstrator Training”
- Take some time to look at the module descriptor
- Read the guide book provided
- Post an opening message introducing yourself on the Wiki
- Start to work through Section 1

The Triple C Model

A set of techniques and methods for use in learning environments where there is a desire to optimise student retention and performance.

Based on:

Care

Control

Consistency



Information and resources available at

<http://triplecmodel.org>