SIGNIFICANT DISCUSSIONS

A GUIDE FOR SECONDARY AND POSTSECONDARY CURRICULUM ALIGNMENT

National Association of State Directors of Career Technical Education Consortium

April 18, 2011

SIGNIFICANT DISCUSSIONS

Percent of students who take remedial courses

- 63% at two-year institutions

- 40% at four-year institutions

The Bridge Project
Stanford University (2004)

Students who take remedial ed are less likely to complete

Students who require	Graduate in 8 years
No remedial courses	57%
One or two remedial courses	29%
Four remedial courses	19%

Source: National Center for Education Statistics (2007)

SIGNIFICANT DISCUSSIONS

"Entering college without need for remediation is one of the most important factors contributing to eventual college completion."

SIGNIFICANT DISCUSSIONS

100 students start 9th grade

51% on a "college prep" track

75 graduate from high school

51 enter college

38% need remediation

29 graduate college

Source: U.S. Department of Education 2011 using data from the National Center for Education Statistics Common Core of Data as well as research conducted by The College Board.
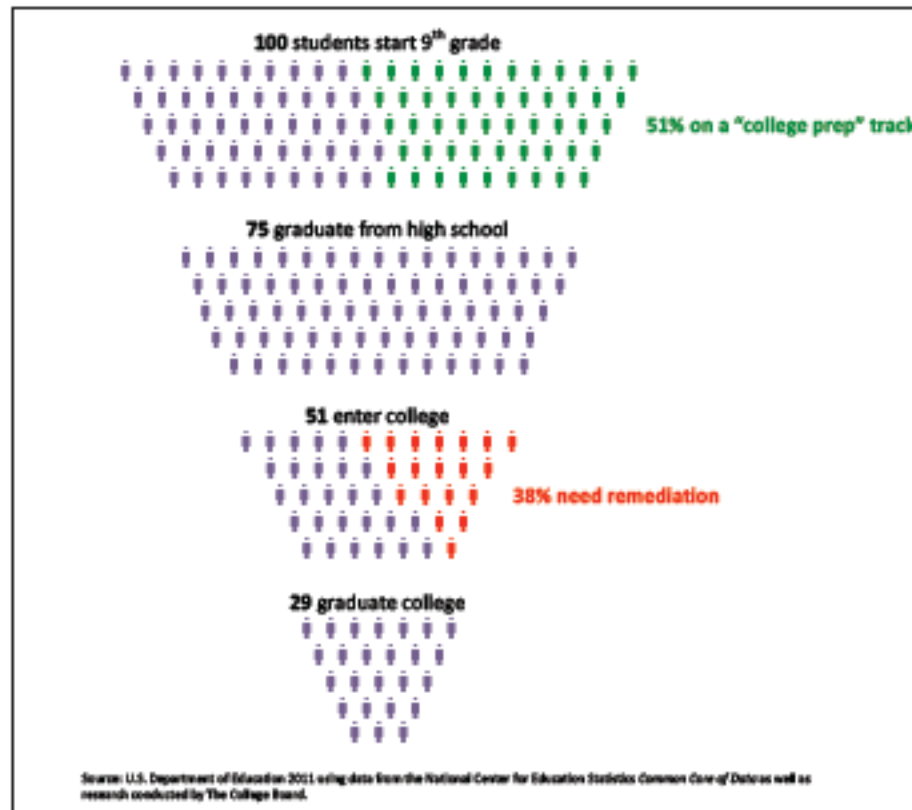
U.S. Department of Education, *College Completion Tool Kit*, Washington, D.C., 2011.
http://www.ed.gov/college-completion/governing-win

SIGNIFICANT DISCUSSIONS

New – Just Out!

Pathways to Prosperity

by
Harvard Graduate School of Education

Pathways to Prosperity

- Calls for national effort to develop a broader vision of pathways in which students can be successful … rather than focusing on the pathway of attending and graduating with a four-year degree

- Ask nation's employers to play expanded role

- New social compact between youth and society

Significant Discussions

A Guide for Secondary and Postsecondary Curriculum Alignment

League for Innovation in the Community College

with support from
MetLife Foundation

SIGNIFICANT DISCUSSIONS

www.league.org/significantdiscussions

Significant Discussions

College Partnerships

- **Anne Arundel Community College** (MD)
- **Central Piedmont Community College** (NC)
- **Lehigh Carbon Community College** (PA)
- **Maricopa Community Colleges** (AZ)
- **Miami Dade College** (FL)
- **San Diego Community College District** (CA)
- **Southwestern Oregon Community College** (OR)
- **Sinclair Community College** (OH)
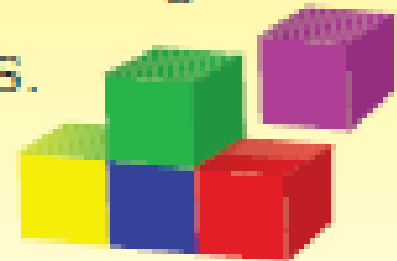- **St. Louis Community College** (MO)

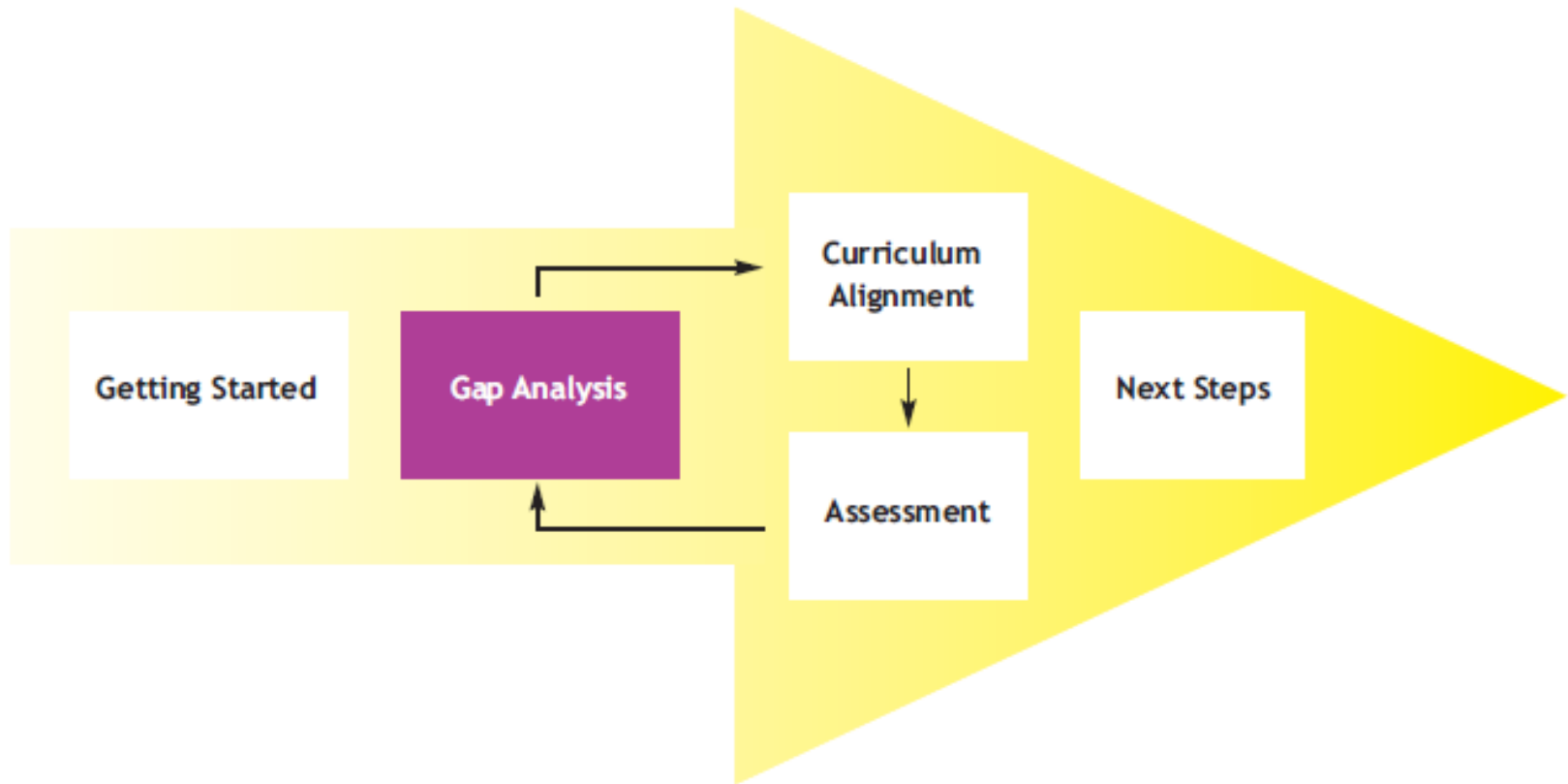# Components
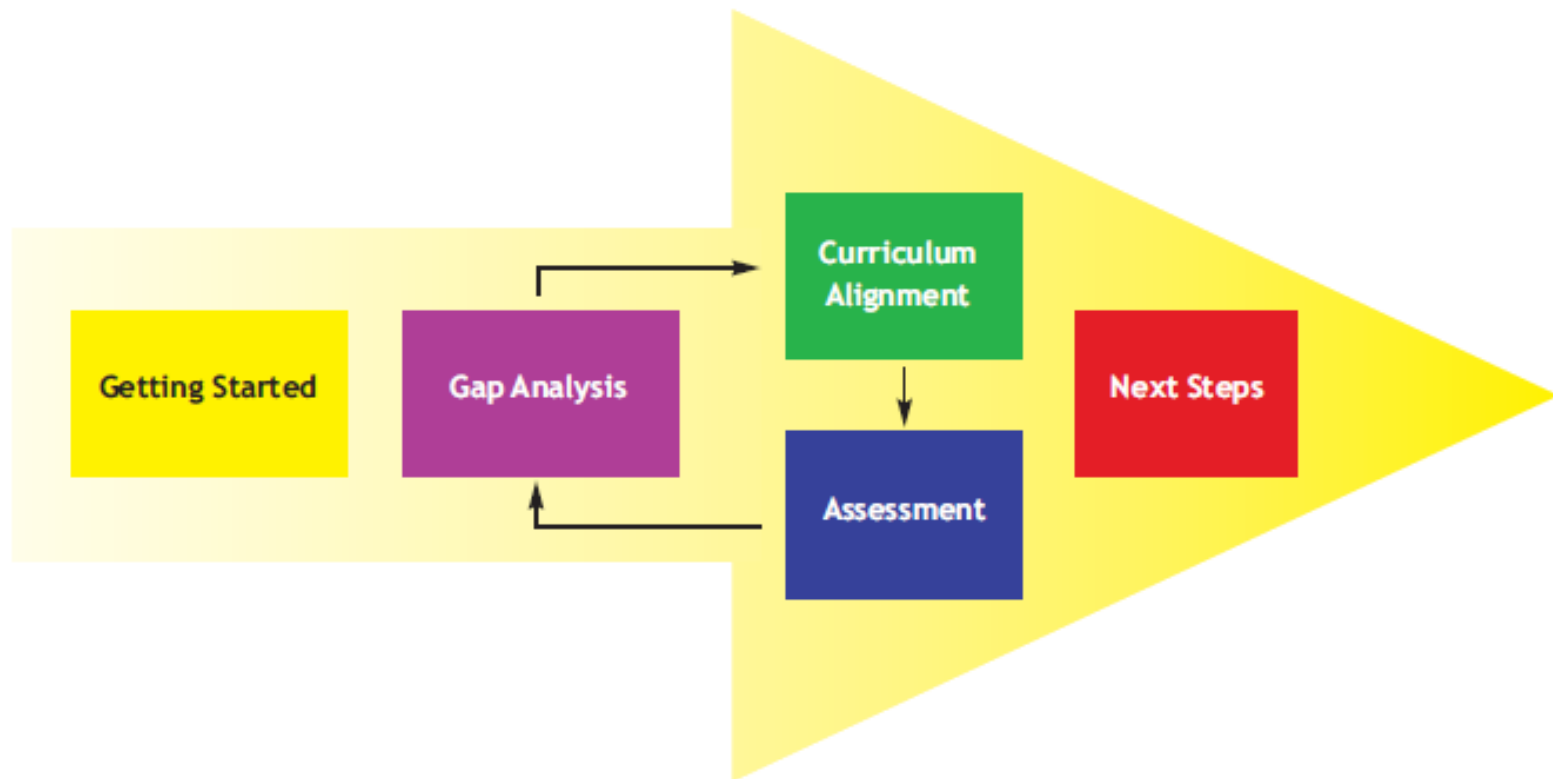
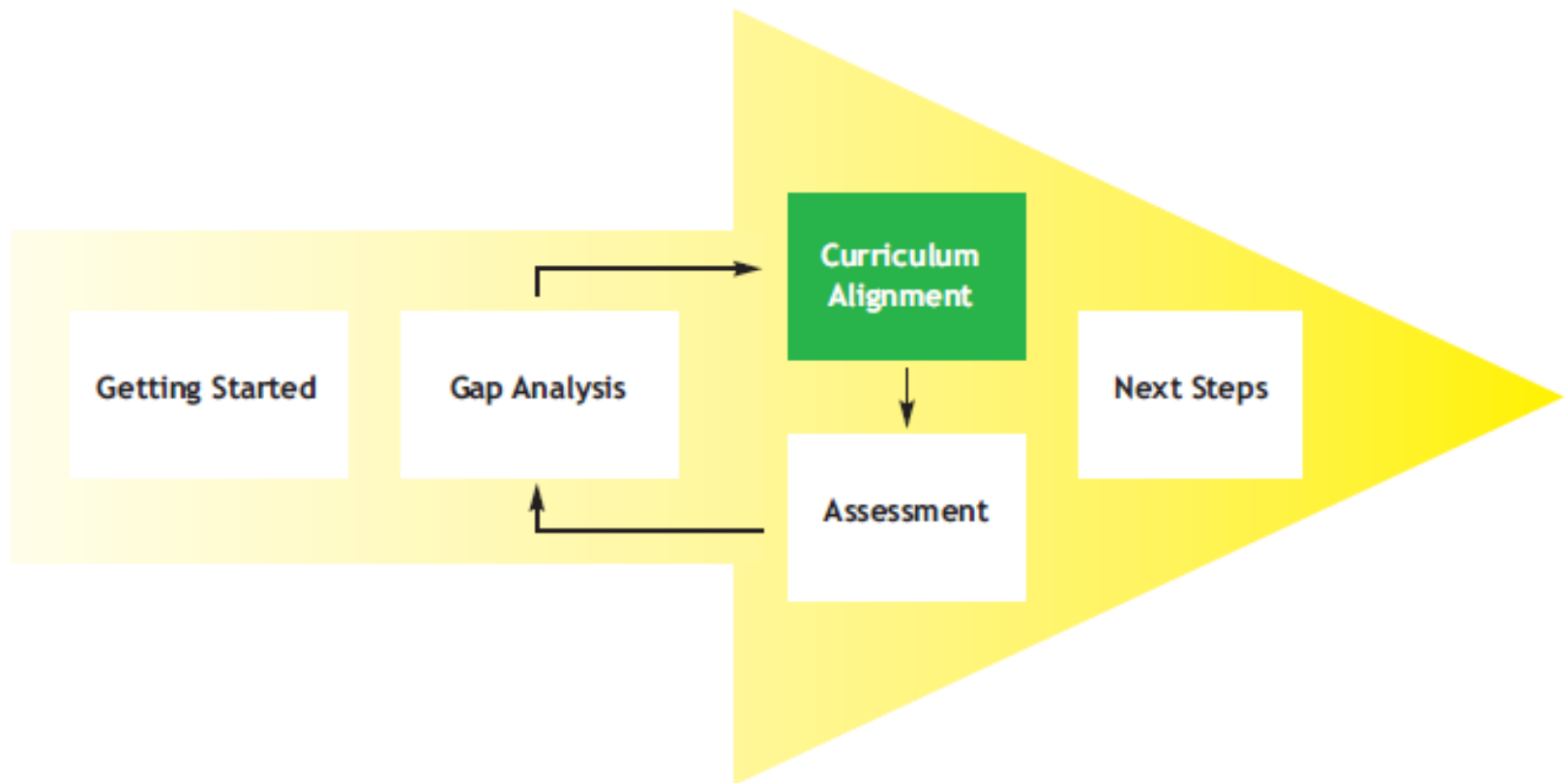# Getting Started
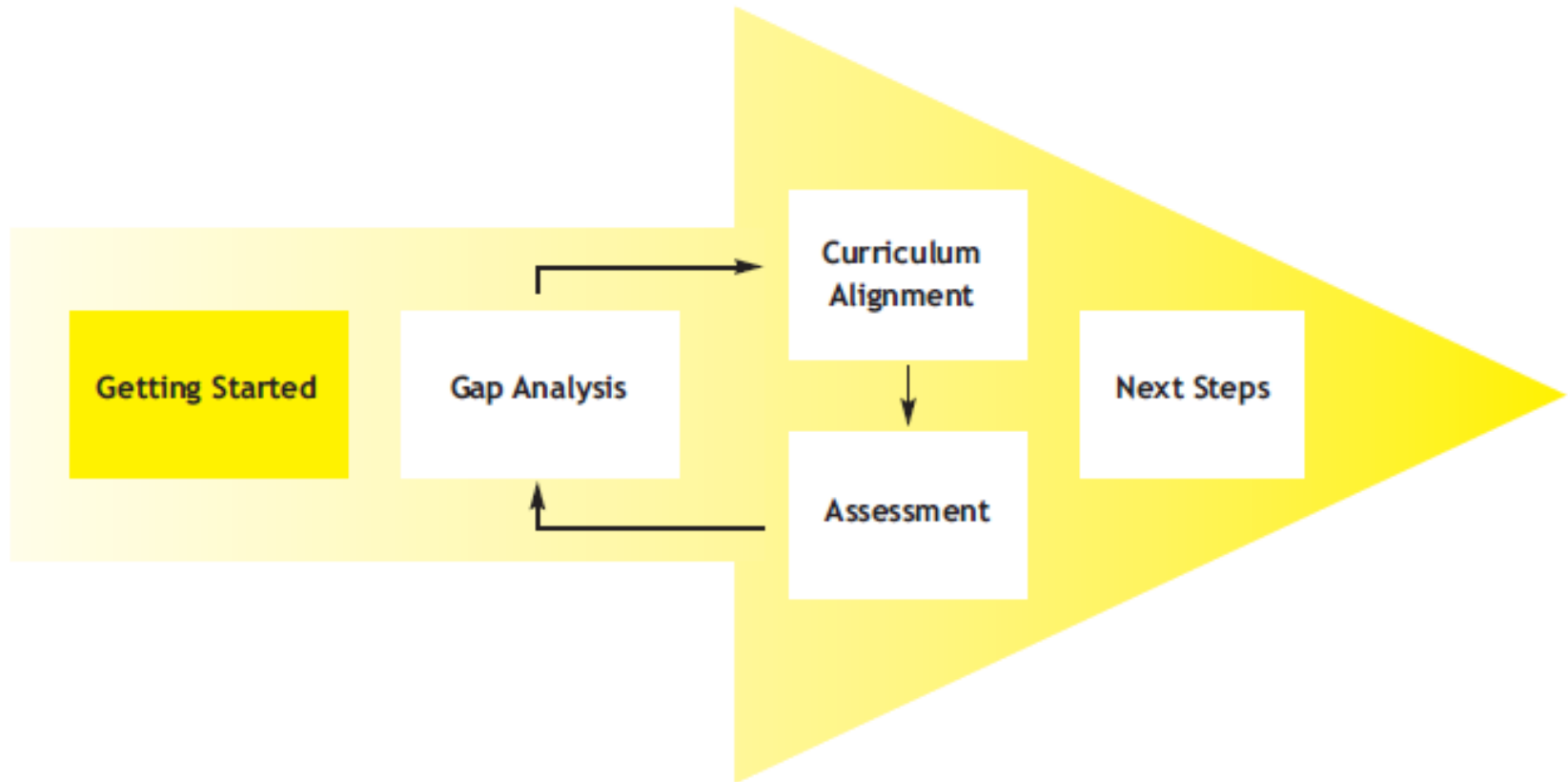
Getting Started Essentials

1. Get the right people around the table.
2. Understand the issues and challenges.
3. Develop trusting relationships.
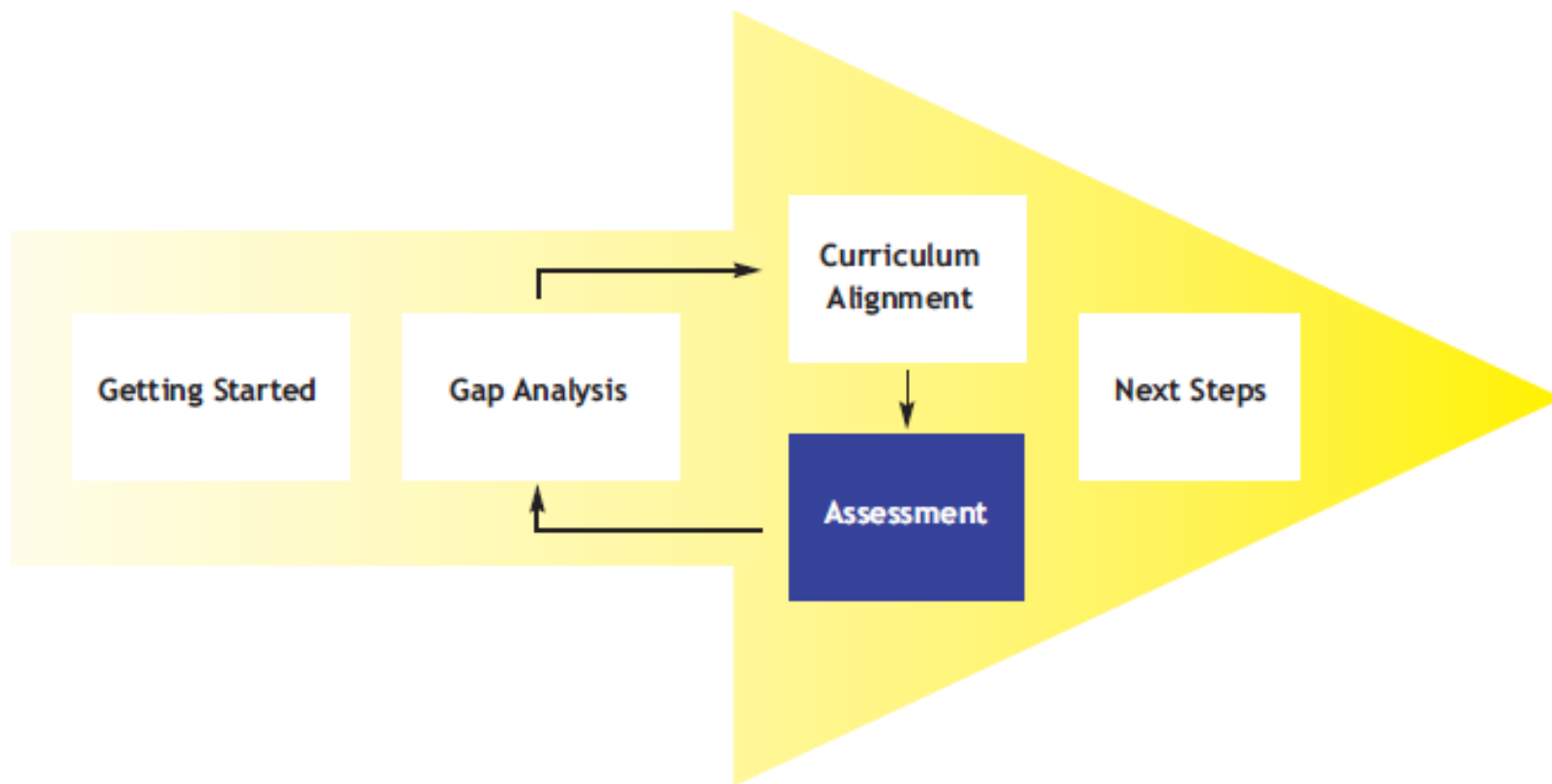4. Identify goals.

Gap Analysis

Curriculum Alignment

Assessment

The guide includes . . .

- Tips
- Templates
- Worksheets
- Discussion Prompts
- Samples
- Examples
- Checklists

- Process in Practice

- "Making Connections"

WORKSHEET B: Understanding the Issues and Challenges

The following questions may help you and your partners clarify and enhance understanding of the issues and challenges. You may choose to add other questions that are relevant to your partnership.

1. Describe the accountability measures at your educational level that present the greatest challenges.

_____

_____

_____

_____

_____

_____

2. In your view, what is the most significant challenge students face as they progress along their educational and career pathway:

a. at the secondary level?	b. at the postsecondary level?	c. entering the workforce?

3. What role can business and industry partners play in changing these conditions?

_____

_____

_____

_____

_____

_____

_____

SIGNIFICANT DISCUSSIONS

Sample of Ground Rules

Attend all meetings:
- Arrive on time.
- Be present for the entire scheduled meeting time.

Actively engage in discussions:
- Avoid distracting side conversations.
- Limit informal post-meeting critiques.

Stay focused:
- Follow the agenda.
- Return promptly from breaks.

Show respect for the opinions of others:
- Everyone deserves an equal voice.
- Give credit to others when it is due them.

Ask questions and respect the questions of others:
- If you wonder, ask.
- Support others' learning.

WORKSHEET E: Gap Analysis Template

Cluster Knowledge and Skill Statements

	High School	2-Year College	4-Year College	NOTES:
Academic Foundations				

	High School	2-Year College	4-Year College	NOTES:
Communications				

	High School	2-Year College	4-Year College	NOTES:
Problem Solving and Critical Thinking				

	High School	2-Year College	4-Year College	NOTES:
Information Technology Applications				

	High School	2-Year College	4-Year College	NOTES:
Systems				

Symbol Legend
+ Included in curriculum
✔ Minor coverage in curriculum
− Absent from the curriculum

SIGNIFICANT DISCUSSIONS

Kathleen Beauman
Anne Arundel Community College - Maryland

THE EVOLUTION

» Development of the Tech Prep Work Team (1991)

» School to Career Transition (1995)

» Maryland's CTE Program of Study Established (1995)

» Maryland State Department of Education Career Clusters/ Pathways (MSDE Blue Book)

The Evolution

» High Schools that Work (2000)

» Smaller Learning Communities

SIGNIFICANT DISCUSSIONS

The Evolution

» College and Career Transition Initiative (CCTI – 2003-present)

» Integrated into Tech Prep Local Labor Market Team Significant focus on Student Success and Transition

» Significant Discussions (2010 – present)

Strong Leadership Matters

» Support from top leadership

» Create a structure that supports collaboration

Martha A. Smith, Ph.D., President of AACC

Strong Leadership Matters

» Support from top leadership

» "No school system can be great by itself—we need the resources from our community, businesses, educational partners, parents and students."

Kevin M. Maxwell, Ph.D., Superintendent of AACPS

Creating Integrated Systems

» Building Pathways
  - Secondary
  - Community College
  - Four-year College

» Department Chairs/ Transfer Coordinator

» Program Pathways Web Site

» High School Program of Study Booklet

» Transfer Web Site

High School Program of Study Booklet

www.aacc.edu/programpathways

www.aacc.edu/transfer

GUIDELINE for Course Selection

COLLEGE: Anne Arundel Community College
HIGH SCHOOL(S): All high schools

AACPS CLUSTER: Business, Management, Finance
AACPS PATHWAY: Administrative Services Management

AACC PROGRAM: Business Management, Computer Information Systems Option, A.A.S. Degree

HIGH SCHOOL (AACPS)

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES/RECOMMENDED ELECTIVE COURSES/OTHER ELECTIVE COURSES/CAREER & TECHNICAL EDUCATION COURSES		
9	English 9 (1)	Algebra I or Geometry (1)	Matter and Energy (1)	US Government (1)	Fitness for Life (.5) / Fine Arts (.5)	Foundations of Technology A/B (1)	Computer Skills for Academic Success (.5) / Software Applications (.5)
10	English 10 (1)	Geometry or Algebra II (1)	Biology (1)	World History, AP World History or AP European History (1)	Health (.5) / Fine Arts (.5)	◖ World Language (1)	Business Management (.5) / Business Finance Using Software (.5)
	Accuplacer administered second semester, 10th grade to assess college readiness and address areas of weakness						
11	English 11 or AP English Language (1)	Algebra II or Pre-Calculus (1)	Chemistry or Earth, Space Science (1)	US History or AP US History (1)	Physical Education (.5)	◖ World Language (1)	Adv. Software Apps: Word/PowerPoint (.5) / Adv. Software Apps: Excel/Access (.5)
12	English 12 or AP English Literature (1)	Math Elective, Pre-Calculus or AP Calculus (1)			Administrative Services Management (1)	◖ Work-based Learning (1)	

Administer college placement exams (reading, math and writing) and other assessments to determine academic readiness and career skill preparedness
THIS GUIDELINE SHOULD NOT BE REGARDED AS AN IRREVOCABLE CONTRACT - ACADEMIC/CAREER ADVISING IS RECOMMENDED TO ASSURE ACCURACY OF PROGRAM REQUIREMENTS

ANNE ARUNDEL COMMUNITY COLLEGE (AACC)

| TERM	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES				
TERM I	Composition & Introduction to Literature 1	Math Requirement			▰ Business & Its Environment	Computer Technology Requirement	◆ PC Office Suite Applications	Option Elective
TERM II	Composition & Introduction to Literature 2		Health/Fitness/Wellness Requirement		◆ Principles of Management	Approved Elective	Introduction to Economics OR Principles of Economics 1	
TERM III	Fundamentals of Oral Communication			Introduction to Psychology or Introduction to Sociology	Principles of Accounting 1	▰ Business Communications	Option Elective	
TERM IV			Biological/Physical Sciences Requirement		Approved Elective	Approved BPA Elective	Business Law 1	Option Elective

ANNE ARUNDEL COUNTY PUBLIC SCHOOLS

Anne Arundel Community College

Optional Degrees: Business Management Degrees and Certificates

Bachelor Degree Transfer Information

2010-2011

Required Courses	
Required Career and Technical Education Courses	
◖ **Recommended Elective Courses (optional courses available)**	
▰ **Concurrent/Dual Enrollment Courses**	
◆ **Articulated Credit (college credit earned in high school)**	
■ **NAF Recognition Course**	
Mandatory Assessments, Advising, and Additional Preparation	

Proficiency Credit Model

Rationale → Process → Procedures → Outcomes
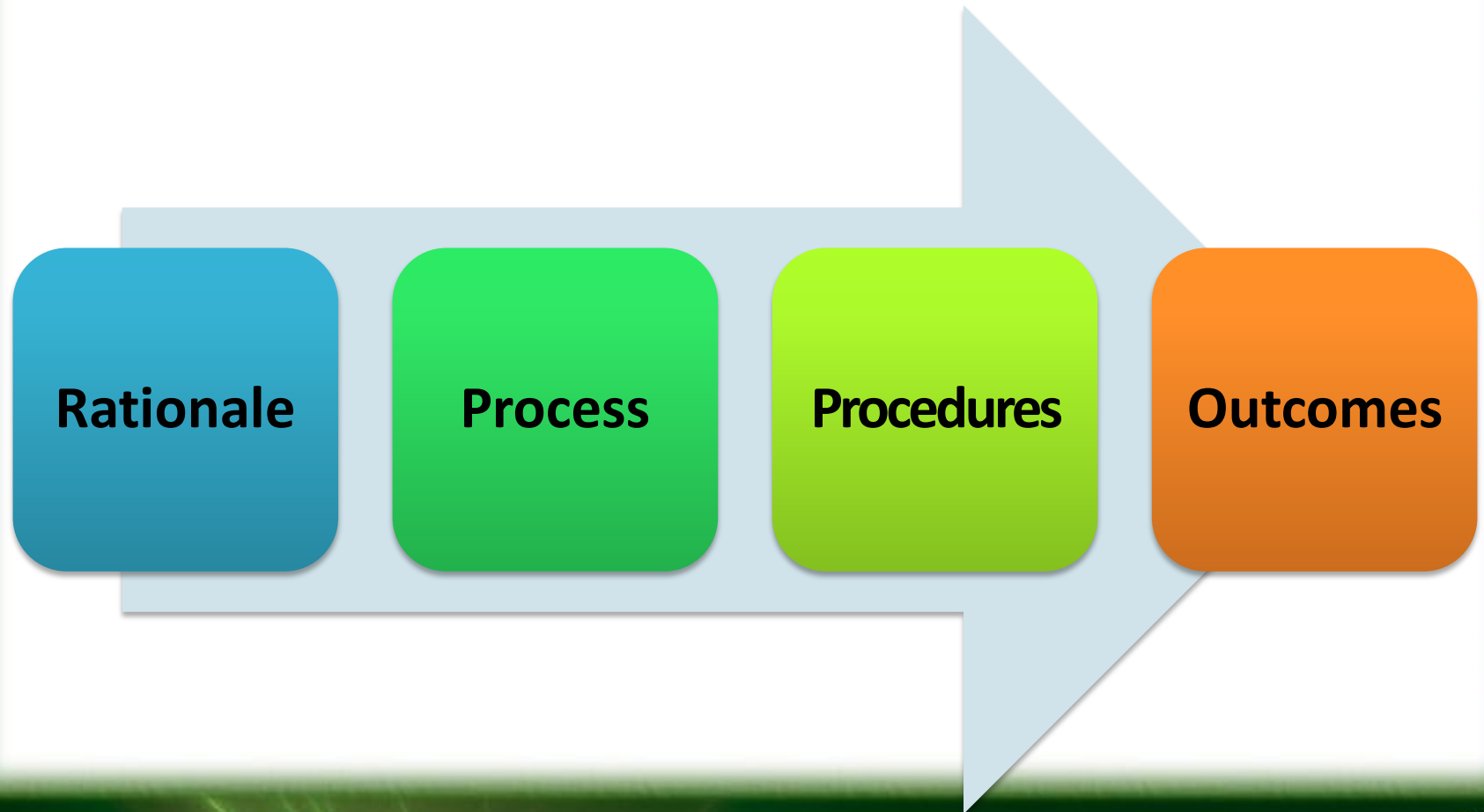
Facilitate Successful Transition with Pathways

» Clarify Community College Expectations

» Early Assessment

» Parent Information Sessions (one-stop session)

» Transition Advisors

» Concurrent Enrollment

SIGNIFICANT DISCUSSIONS

Think outside the 'pathway' box

THE BOX

» Credit – high schools and baccalaureate-granting institutions
  ○ http://www.aacc.edu/aboutaacc/consortium/
» Noncredit program pathways
  ○ http://www.aacc.edu/coned/

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Lessons Learned
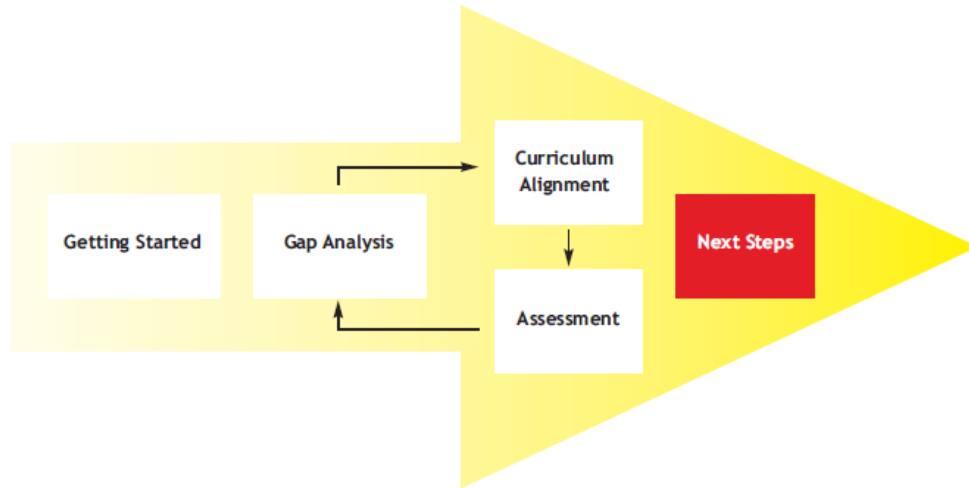
» Systems do things differently

» Going to college can be confusing

» Program Pathways are simply roadmaps...they are not written in stone and individual paths will vary

» Building and maintaining partnerships facilitate relationships, sustainability and create new ways of doing business!

Next Steps…

- **Roles for many**
  - Administrators
  - Faculty
  - Counselors
  - Business Partners

www.league.org/significantdiscussions

SIGNIFICANT DISCUSSIONS

For more information and technical assistance on Significant Discussions:

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