



Created with students, for students





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INTRODUCTION TO PATHWAY

Pathway is an online career planning support tool designed to support students, parents, career guidance counsellors & universities with new student Pathway insights.

Combining students' decision-making styles, ambitions, values, favourite subjects & desires, the Pathway survey helps students make the best third level and career choice as early as possible. Years of research has been conducted to enable the Pathway product come to life.

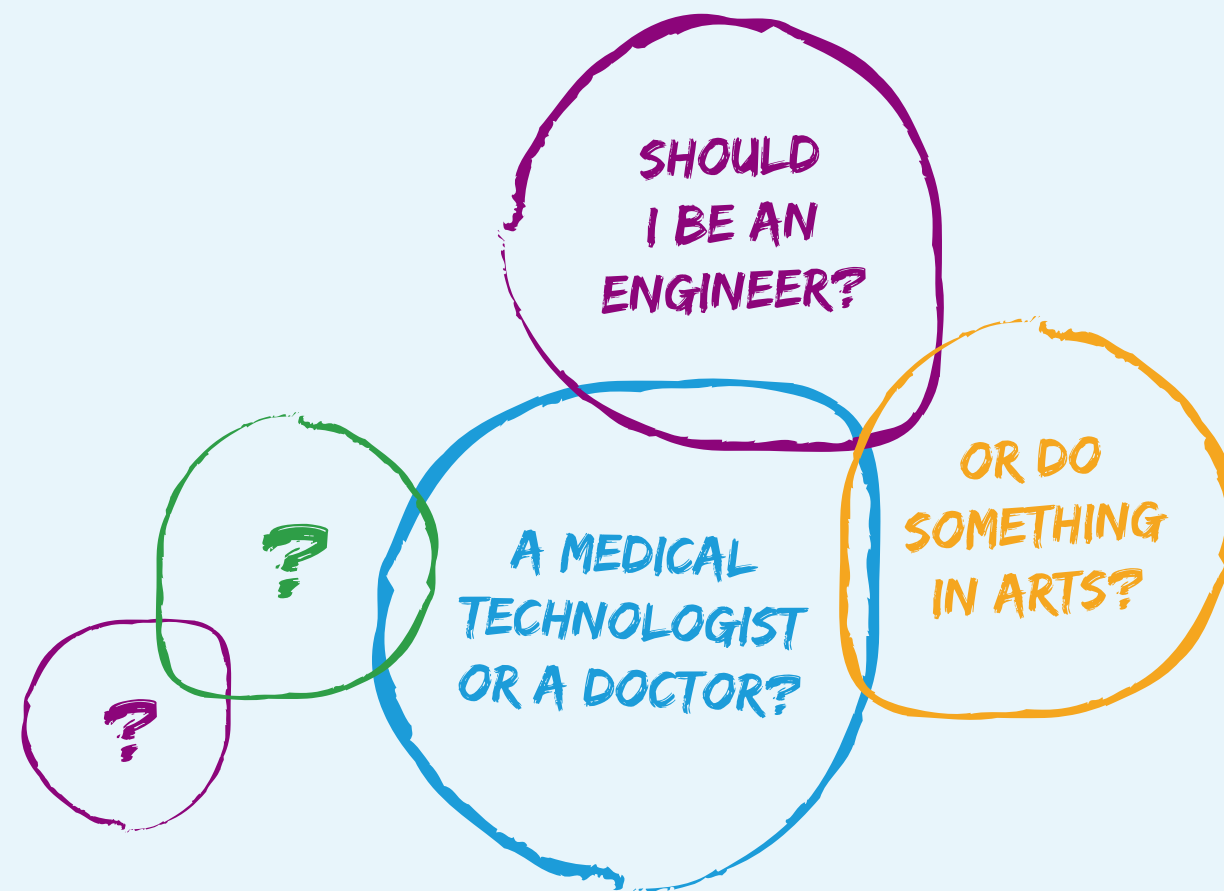
Pathway supports students learn new life skills on their life journey through the online Pathway Personal Development Program (PDP).

The Pathway Work Placement & Internship Program helps students with work placement during and following their third level education.

Pathway supports Students, Parents, Career Guidance Counsellors & Universities with new student insights.



Pathway is part of Ingenium, a management consultancy company headquartered in Limerick, Ireland, operating on a global scale, delivering transformational change in human and organisational performance.



www.mypathwayjourney.com



CAREER GUIDANCE COUNSELLORS' TOOLKIT

Pathway is here to support you as a career guidance counsellor. It is a resource for you to use to engage with your students, create a fun way for having career conversations, removing uncertainty for possible career pathways, and as a resource for you to help students on their development journey.

Pathway is built on strong academic foundations and includes 35 years of research. It analyses your students' decision-making and thought style as well as taking into account their favourite subjects, hobbies, interests and passions.

As you read through this booklet, we hope you will take on board the Pathway survey and Personal Development Program (PDP) as a tool for current students and future generations.

99.3%
of students found the
process of completing the
Pathway survey thought
provoking.



WHAT'S INCLUDED IN THE PATHWAY TOOLKIT

SETTING YOUR
STUDENTS
ON THE RIGHT
PATH



PATHWAY SURVEY FOR EACH OF YOUR STUDENTS

Pathway is a tool which selects 12 of the top courses best suited to individual students, incorporating their favourite subjects, hobbies, interests and passions.



PERSONAL DEVELOPMENT PROGRAM

Includes 14 modules to help students develop essential life skills through informative videos and interactive exercises which help bring the learning to life.



PODCAST EVENT SERIES

Including themes like careers, interview preparation, life balance and more.



PATHWAY BLOG AND USEFUL ARTICLES

Helpful tips and advice from young students, college students and industry experts.

WHAT IS PATHWAY AND HOW DOES IT WORK?

Pathway is an online planning tool that is designed to help students with their career choices at various stages on their academic journey.

Pathway provides assistance and guidance to students in their final years of secondary education in the decision-making process when looking at third level education and potential future careers.

Assistance and support are provided to students at graduate level to better focus their decisions about further

education opportunities to help set them up as future professionals, passionate about their careers.

Pathway also includes a suite of support materials and programs covering a range of insightful topics related to study, personal development, interviewing for roles and career progression.

99.3% of students said that the decision-making style portrayed in their reports matched the way they think & make choices.

YOUR DECISION MAKING STYLE

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Your Preferred Decision-Making Style:
Conceptual Analytical

50
40
30
20
10
0

DIRECTIVE ANALYTICAL CONCEPTUAL BEHAVIOURAL

33% 26% 24% 17%

3

YOUR DECISION MAKING STYLE

Created with students, for students

Your decision-making style can be recognised by the following key traits, categorised under your strengths and opportunities for development.

50
40
30
20
10
0

DIRECTIVE ANALYTICAL CONCEPTUAL BEHAVIOURAL

33% 26% 24% 17%

4

YOUR TOP 12 THIRD LEVEL COURSES

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Within the table below, you will see your top 12 short-listed college courses. Amalgamated from thousands of universities all over the world, these courses are generically classified and university neutral, providing you with a list of the potential opportunities for your third level education journey.

YOUR TOP 12 COURSE SUGGESTIONS		
1	Arts	English
2	Arts	Philosophy
3	Arts	Architecture
4	Arts	Journalism and New media
5	Arts	Psychology and English
6	Arts	Neuroscience
7	Health Science	Pharmacy
8	Science	Dental Science
9	Health Science	Clinical Speech & Language Studies
10	Science	Biopharmaceutical Chemistry
11	Arts	Applied Languages
12	Science	Biomedical Sciences

A more detailed description of each of the referenced courses is summarised on the next page.

YOUR TOP 12 THIRD LEVEL COURSES

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1.1 English: The BA in English introduces you to the subject in its fullest sense. You will study English across the centuries and can cover areas such as creative writing, film, drama, and theatre. If you're a keen reader and interested in technology, we can help you hone your digital and literary skills with courses on digital media and through technology-enabled learning.

1.2 Philosophy: Science, literature or history are all equally good in preparation for studying a degree in Philosophy. The main requirement is a capacity for clear thinking, honesty and discussion. Philosophy is essentially about dialogue and discussion, about giving reasons and examples, about counter-arguments and counter-examples. We read the work of great philosophers, but we also challenge their arguments and conclusions. Although all the modules are based on lectures, many of these are highly interactive.

1.3 Architecture: If you are a person that combines creative imagination with analytical decision making, if you are a good observer, and if you are inspired by the prospect of changing the world we live in, then this problem-oriented approach to architecture may just be right for you. Architecture requires a lot of dedication, and it's a very hands-on course that relies on constructional understanding, based on lots of model making and material experiments. The objective of a degree is to educate students with a strong set of integrated skills, balanced with a clear understanding of the environment - both, existing and imagined - and vital to professional practice.

1.4 Journalism and New Media: An arts degree in journalism and new media will provide a range of core practical modules designed to produce leading multimedia journalists. Students get a chance to develop real-world skills, as their journalism is informed by a balanced sense of justice, fairness and life experience. This kind of programme includes study in broadcast journalism (radio and TV), feature writing, investigative journalism, interviewing and reporting, magazine layout and design, sports journalism, social media and writing for new media.

1.5 Psychology and English: A course in the psychology area will help you analyse and understand human behaviour, thought and emotions from many different psychological outlooks. By studying Psychology combined with English, you will get an introduction to a fascinating range of literary texts and periods, which will allow students to develop their skills as a thinker, reader, writer and critic. You will learn new ways of understanding how and why people think and act as they do.

1.6 Neuroscience: Neuroscience is the discipline concerned with the scientific study of the nervous system in health and disease. It probes the intricate processes of the nervous system in an attempt to understand how we think, move, perceive, learn and remember. Neuroscience is an ideal topic for students who have an interest in how the brain works in health and disease. Additionally, the topic is suited to students who like to approach concepts and techniques from a variety of disciplines.

1.7 Pharmacy: A pharmacy degree is designed to integrate both the subjects you will study so that you can really understand and apply your knowledge of science and healthcare to drug treatments for patients. A health science degree like this aims to produce pharmacy graduates who will enhance health care through their patient-oriented understanding of aspects of disease, health strategies, medicines of existing and new therapies.

1.8 Dental Science: Dental Science is the study of the oral cavity and the diseases associated with oral tissues. It is designed to ensure that graduates can safely and effectively deliver the full range of primary dental care, including prevention, diagnosis and treatment of oral and dental diseases. If you have an ability to build caring and professional relationships with patients, co-workers and the wider community and if healthcare interests you, specifically oral healthcare and its impact on individuals, then Dental Science is right for you. You should also enjoy undertaking physically and mentally demanding clinical practice, which requires considerable attention to detail with small margins for error.

1.9 Clinical Speech and Language Studies: Studying Speech and Language Therapy opens up a huge range of opportunities and allows you to apply your unique talents and interests to this fascinating area of study. A course like so will appeal to you if you have an interest in how speech, language, communication and swallowing works and how these areas may be affected in either children or adults. You will enjoy this course if you like a variety of teaching, learning and assessment approaches, such as lectures, problem-based and case-based learning and clinical practice.

1.10 Biopharmaceutical Chemistry: Biopharmaceutical Chemistry is the study of biomolecules (such as DNA, proteins and carbohydrates) and their applications as therapeutic medicines. Numerous diseases and medical conditions are caused by the improper function or the absence of a particular biomolecule. If you are interested in a degree programme focusing on a multidisciplinary subject that combines areas of chemistry and biology, a degree in pharmaceutical science may be for you.

1.11 Applied Languages: A course in languages offers the unusual opportunity to take on many languages to degree level. A programme like so will broaden participant horizons by allowing them to engage with different cultures.

1.12 Biomedical Science: Biomedical Science is the study of life science subjects related to human health and disease. Students will learn about the structure and function of the human body from the level of organs and tissues to the molecular level as well as how drugs are used to treat disease. Biomedical Scientists work in partnership with doctors and other healthcare professionals in investigating samples of tissue and body fluids in order to diagnose disease and monitor patient treatments. This kind of medical programme is a continually changing dynamic profession and involves study of the diverse areas of medical science including biochemistry, microbiology, cellular pathology, haematology and transfusion science. It provides training in cutting-edge technologies to facilitate investigation of disease and medical research.



WHAT IS PATHWAY AND HOW DOES IT WORK?

The Pathway personalised report takes into consideration the student's favourite subjects in school, their hobbies, interests and things they are passionate about, which is assessed through their unique decision-making style.

Each one of us is unique in how we think and make decisions; this is referred to as a particular decision-making style. While there is no right or wrong style, four unique and distinctive style types exist, which are used in processing these thoughts and decisions.

We understand that your job as a career guidance counsellor can be challenging at times. Some students know exactly what they want, others need a bit more direction. Pathway acts as a catalyst for conversations and provides a starting point for discussion around your students' career options.

97.8%

of students found the
recommendations
from Pathway survey
extremely useful.



ACADEMIC VALIDATION RESEARCH

Years of academic research has been carried out by Ingenium to validate the effectiveness of the Pathway survey. This research includes the background to the decision-making process that individuals follow, how this impinges on their daily lives, and how values and different cultures, reflected through biases, means that each person experiences decision-making differently.

The research also explains the daily quantum of thoughts, decisions, and higher consequence decisions, in perspective for adults and adolescents, presented in an academic paper, to allow the reader to appreciate and understand the benefits of striving for balance in decision-making to support smart, informed choices in students' career decisions.

Using validated decision-making theory, founded in innate values and learned behaviours, together with students' subject preferences, hobbies, interests, and passions, the most suitable third level education and career options can be predicted with confidence through the validated Pathway careers' model.

A copy of our academic reference paper can be downloaded at www.mypathwayjourney.com

99.3%

of students said that the courses recommended by Pathway suit them.

100%

of students will consider all of the recommended Pathway courses now that they're aware of these opportunities.



The Pathway Model Academic Reference Paper

Integrating decision-making styles, subject preferences, hobbies, interests, and passions to help students predict their ideal third level education and career options.

November 2020

Developed by Ingenium Training & Consulting

Dr. Eric Sandelands, Janna Gasanova, Jack McGrath & Dr. Hugh O'Donnell.



UNIVERSITIES AND THIRD LEVEL BENEFITS

The Pathway programs helps and supports universities through embracing and supporting progression in the following researched and published statistics:

- Overall third level completion rate c.76%
- Females have higher completion rates (81.1%) than males (69.7%)
- STEM and Computing courses c.50% drop out rate
- Over 17% that dropped out graduated in other programs
- Courses in health and welfare, social sciences, agriculture and veterinary courses also have high completion rates
- Meaningful & insightful second level career guidance is essential to guide students into the right courses
- Studies show original choice of course data predicts success, which is vital for future planning, to ensure that students of all abilities have the best experience of higher education, regardless of what field they study
- Access programs to higher education on lower points at greater risk of drop out

Source: Higher Education Authority Report & RTE News, March 29th 2021
<https://www.rte.ie/news/education/2021/0329/1206688-third-level/>



Personal Development Program (PDP) on the Pathway Platform

ESSENTIAL LIFE SKILLS NOT LEARNED IN SCHOOL OR UNIVERSITY.



DECISION-MAKING

This module provides the student participant with an insightful overview of how decision-making works using the four styles of the Pathway Decision-Making framework, where each of the four different style types, covering Directive, Analytical, Conceptual and Behavioural decision makers are explained, as well as different combinations of these styles. Tricks and traps along with desirable & undesirable behaviours are explored to provide the student participant with a deeper understanding of how everyone is different, based around their comforts, preferences and unique decision-making style. Finally, factors that affect decision-making are developed to allow the student participant to see how they can align the theory of decision-making with everyday decisions they make.



DIVERSITY INCLUSION

This module provides the student participant with an overview of the meaning of diversity & inclusion, and how in today's multi-cultural, multi-diverse world this is important and beneficial. Why having different perspectives from a diverse range of people is also identified and explored so that the student participant can visualise and understand how they can adopt these ideas and use them in everyday life.



PROBLEM SOLVING

This module helps the student participant identify and resolve different problems or challenges that they will experience in everyday life, and how they can use a range of problem-solving ideas from the learning materials and models presented. The differences between symptoms, causes and the problem itself are included to allow the student participant to be able to identify each of these elements.



COMMUNICATION & PRESENTATION SKILLS

This module provides the student participant with a range of great communication skills covering active listening, how their body language gives meaning, how different cultures receive communication in different ways, how to avoid using unnecessary words, how to use non-verbal communication to their advantage, how to be prepared to present when required, how to deliver great presentations and how to build confidence when speaking in a public forum. Student participants also get to understand about structuring their communication message, understanding the difference between context and content in their delivery, how to use tone effectively, how to ensure distractions and noise are minimised, as well as crafting great written communication.



IMPACT OF DISTRACTIONS

This module helps the student participant to identify in today's world of social media and fast-paced technology advancements, where distractions are more present than ever, all designed to take us away from the present here and now, and attract and consume our attention, that this has an impact on the quality of their judgement and decision-making. A range of easy-to-use techniques are presented to allow the student participant to learn and use in everyday life to minimise the impact of distractions and maximise the value of being present when they need to be.

EMOTIONAL INTELLIGENCE

This module allows the student participant to become familiar with the concept of emotional intelligence, and most importantly, the value of having this skill. Reflecting on good and bad examples of this principle allows the student participant to visualise how and where this skill set can be used, and how it can advance their role and credibility in the future.

INFLUENCING AND DIFFICULT CONVERSATIONS

This module helps the student participant to become more familiar with motivation theory, how it impacts them and others, and how they can apply this knowledge to influence others they engage with. Included in this session are tips for good negotiation designed to align with motivational rewards linked to different motivators held by different people. The concept of good teamwork is also developed, allowing the student participant to apply this learning within any team they are part of.

LEARNING STYLES

This module outlines a range of different learning styles that people have, whether they are students or adults. Each one of us is different and that means everyone learns in a different way, whether this is achieved by way of being a reflective learner, a theoretical learner, a pragmatic learner, or an active learner. Importantly, the student participant learns their own learning style, as well as how to best engage with other learner types, so that they get the best out of each situation when they are helping others in a learning mode.

TIME MANAGEMENT

This module outlines how planning and preparing for everyday situations can improve time management and make the student participant more efficient and effective in everything they do. These concepts are presented in a way so that they can be applied to studying, as well as to everyday life scenarios.

FINANCIAL SKILLS

This module helps student participants to understand the basics of financial management, including the 'what' and 'why' around budgeting, providing examples of when and how these are used. Additionally, a very easy-to-understand method of explaining financial statements is provided to demystify the anxiety around these seemingly complex subjects.

UNDERSTANDING BIASES

This module provides student participants with a good understanding of what biases are and how they can affect someone's judgement and decision-making – and importantly, how sometimes this can be positive, and sometimes how this can be a negative, depending on the particular situation. This is explored through discussion and understanding of the six most common biases that are observed in today's world. Mental well-being is also discussed to provide the student participant with an understanding of how anxiety and stress are caused and how this can be handled by themselves, as well as how they can help others. Finally, the concept of slow and fast thinking, how our brain sometimes forces us to do things without thinking.

SELF MOTIVATION AND SELF CONFIDENCE

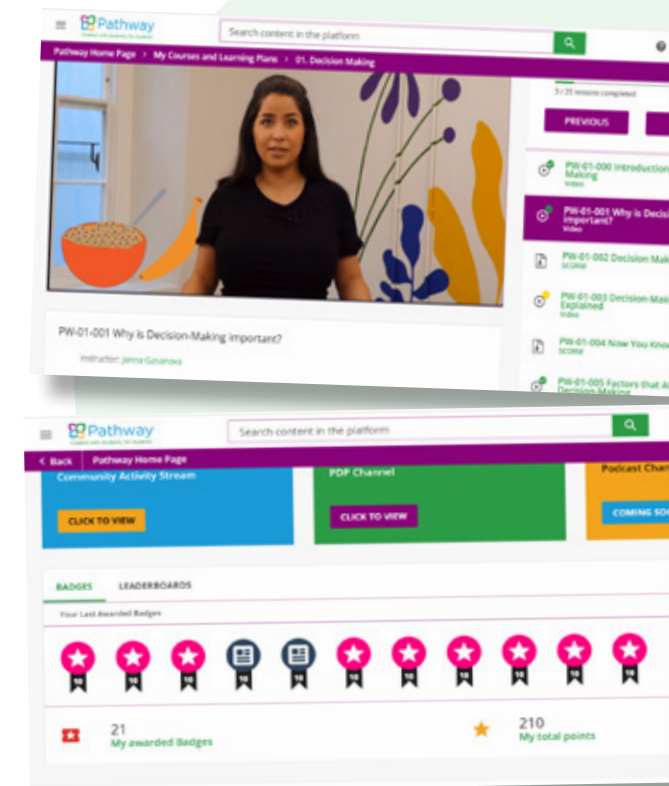
This module provides the student participant with advice and skills to overcome challenges around self-confidence. It is important that students believe in themselves and their abilities in order to navigate life successfully. The lines between ego, arrogance and self-confidence are often blurred. This module provides students with encouragement, through techniques such as visualisation, self-motivating techniques as well as changing beliefs and thought patterns. The student will learn about the benefits of positive thinking both for themselves and others around them. They will learn how to conduct themselves with confidence, how to engage with others and how to be comfortable with who they are. The module also covers aspects on the importance of mental health and wellbeing for self-confidence and motivation.

DIGITAL TECHNOLOGY FAMILIARISATION

This module will help participants to become familiar with the latest digital technology trends and their application, including the role of Artificial Intelligence (AI), Virtual, Augmented and Mixed Reality (VR, AR, MR). Also, how awareness around breaches in cyber security is becoming more and more relevant as criminal digital hackers look to steal and use people's data through online scams. A full awareness will arm participants with new knowledge in emerging technology, both the positive and potentially negative aspects.

CLIMATE ACTION AWARENESS

This module informs participants of the transformational climate action initiatives currently under development by nations, enterprises and by social action movements. Decarbonisation being one of the largest, most visible programs around the world is the most tangible area where participants can get an appreciation of the application of new energy generation forms and a reduction in the negative affects of carbon, including solar, onshore and offshore wind, battery power, hydrogen and carbon capture, with all the developments explained in a straightforward, easy to understand way. Participants will gain confidence and an appreciation for terms they are starting to hear more about and feel equally confident to contribute their own thoughts and opinions about this critical perspective of our environment.



PERSONAL DEVELOPMENT PROGRAM - PDP

- ✓ 14 module self development program with gamification badges, trophies and rewards.
- ✓ Delivered by young professionals in an engaging manner.
- ✓ Sets students up to deal with life's challenges and opportunities.
- ✓ The modules in the PDP give students the confidence to develop and grow as a person.
- ✓ Full of fun exercises to reflect on what has been learned.
- ✓ Monthly prizes for top three people on the leader board.
- ✓ Annual leader board prize.

PDP Leaderboard							
	Video Complete 10pts	Knowledge Fun Exercise 10pts	Module complete 25pts	Completion of PDP Program 100pts	Learning Contribution 25pts	Outstanding Contribution 50pts	Total Points
Sarah	840	840	300	100	450	150	2,480
Adam	840	840	300	100	350	100	2,530
Chloe	840	840	300	100	300	100	2,480
Yusef	840	840	300	100	200	50	2,330
Ella	840	840	300	100	150	50	2,280
David	840	840	300	100	150	0	2,230
Jane	840	840	300	100	0	0	2,080
Elijah	830	830	275	0	0	0	1,935
Jennifer	820	820	275	0	0	0	1,915

Goldie

Meet our brand mascot Goldie. Goldie gives you points for all your interaction on the platform, answers your questions and provides support

On completion of each module a Certificate of Completion is available for the user to download.

These certificates will help the user to get ahead with future employers by showing the initiative taken to upskill outside of their area of expertise.



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CERTIFICATE OF COMPLETION

Congratulations! You have completed **Communication and Presentation Skills** as part of the Pathway Development Program.

Awarded to

18th August 2021

Issued by Pathway, together with Ingenium Training & Consulting.



Dr. Eric Sandelands
Ingenium Academic Director



Olivia Hayes
Pathway Program Director



PATHWAY PRIZE WINNERS



99.3%

of students have
recommend Pathway
to their friends and
siblings.

HEAR WHAT OUR PATHWAY PLATFORM USERS HAVE TO SAY

“I have found the Diversity and Inclusion program really interesting. It’s something that’s very important in today’s society and is useful knowledge for everyone.”

Emer O’ Fathaigh TY Student,
Laurel Hill, Limerick, Ireland.



“I love the way the Pathway Platform exposed me to things I’m going to need after I’m done secondary school that I wouldn’t have learned anywhere else.”

Orla Feeney TY student,
Crescent Comprehensive College,
Limerick, Ireland.

“The Pathway survey was great. I want to do Psychology next year after my leaving cert and when I took the Pathway survey, Psychology was the first course on my list of courses recommended for me. It was very accurate.”

Katie Morris, 6th Year
St. Leo’s Secondary School,
Carlow, Ireland.



PATHWAY TESTIMONIALS



“The survey was a mixture of both academic and personal questions which made it really engaging”



“It just made everything more clear, for my future.”



“It’s rare a student knows what they want to do but Pathway helped us see the options.”

96.4%
of students have not previously seen a program like Pathway before now.

PATHWAY TESTIMONIALS



“It was helpful overall, seeing what you are like as a person, and what suits you best”



“It was very accurate in the outcome of my decision-making style”



“Pathway is great because it has the knowledge of a wide range of college courses we hadn’t even considered”



“Pathway makes parents feel more confident that their child is going to make a good decision”

THE YOUNG ENTREPRENEUR PROGRAM



STUDENTS WITH A GREAT BUSINESS IDEA THAT COULD SOLVE A PROBLEM THAT EXISTS - DO THEY KNOW HOW TO TURN IT INTO REALITY?

Our Young Entrepreneur program provides students with the knowledge and understanding of entrepreneurship, together with all the tips and tricks to make their idea successful.

Topics covered in the module include what entrepreneurship means, stages in growth of a company, from start-up through development into a Small to

Medium Enterprise (also known as an SME), and then onto a larger corporation, when a company grows and operates internationally.

The module looks at different types of business innovation models that apply for services, products, and then software as a service – also known as SaaS. It also incorporates entrepreneurial leadership through different lenses: through ‘leading yourself’, how to lead a team and how to lead a business, financially, understanding how a balance sheet works, how to raise money, how to value your business, and hopefully, how to sell your business when it becomes a success!



OTHER FEATURES

PODCAST SERIES

AND HELPFUL ARTICLES

- ✓ **Monthly Video Podcast Event Series**
- ✓ **Delivered by undergrads, post-grads & professionals**
- ✓ **Themes include: (1) Careers, (2) General Interest Themes, (3) World Matters, (4) Interview Prep, (5) What I would tell my 16-year-old self, (6) Life Balance**
- ✓ **All material posted on the website**
- ✓ **Insightful & interesting articles for all student age groups**
- ✓ **Covering health & exercise, study tips, business ideas, university life & many more topics**
- ✓ **Written by students for students**
- ✓ **Regular update posts**



Aisling Moloney
The Real Side of Media in Ireland



Alice Parkes
The Importance of Women in STEM



Sarah Collopy
Healthy Habits for a Heathy Brain



Nell Stritch
How to Turn a Passion Project into a Business

HELPFUL ARTICLES



5 Tips for Creating a Productive Study Space



7 Early Signs of an Entrepreneur



6 Reasons Why You Should Exercise Around Exams

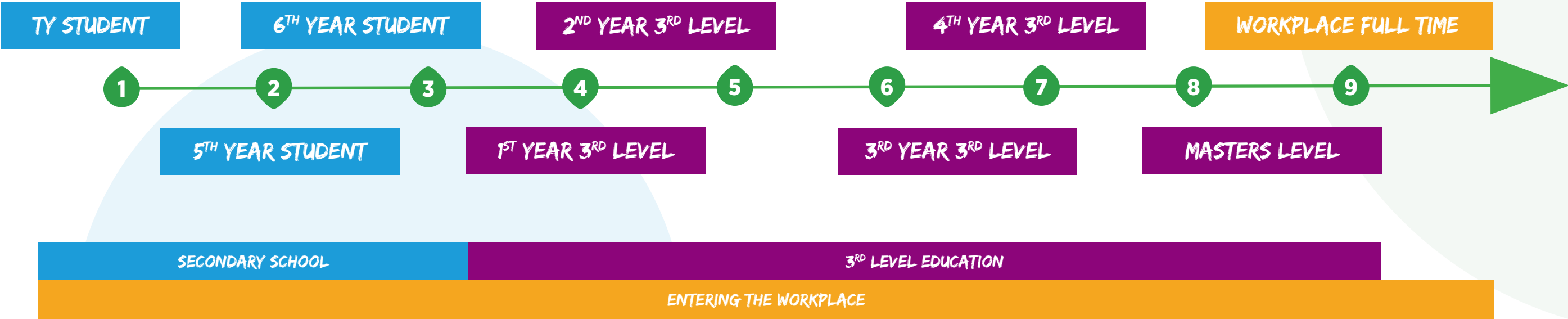


6 Most Common Biases - How They Affect Our Judgement

SUPPORT STUDENTS' LIFE JOURNEY

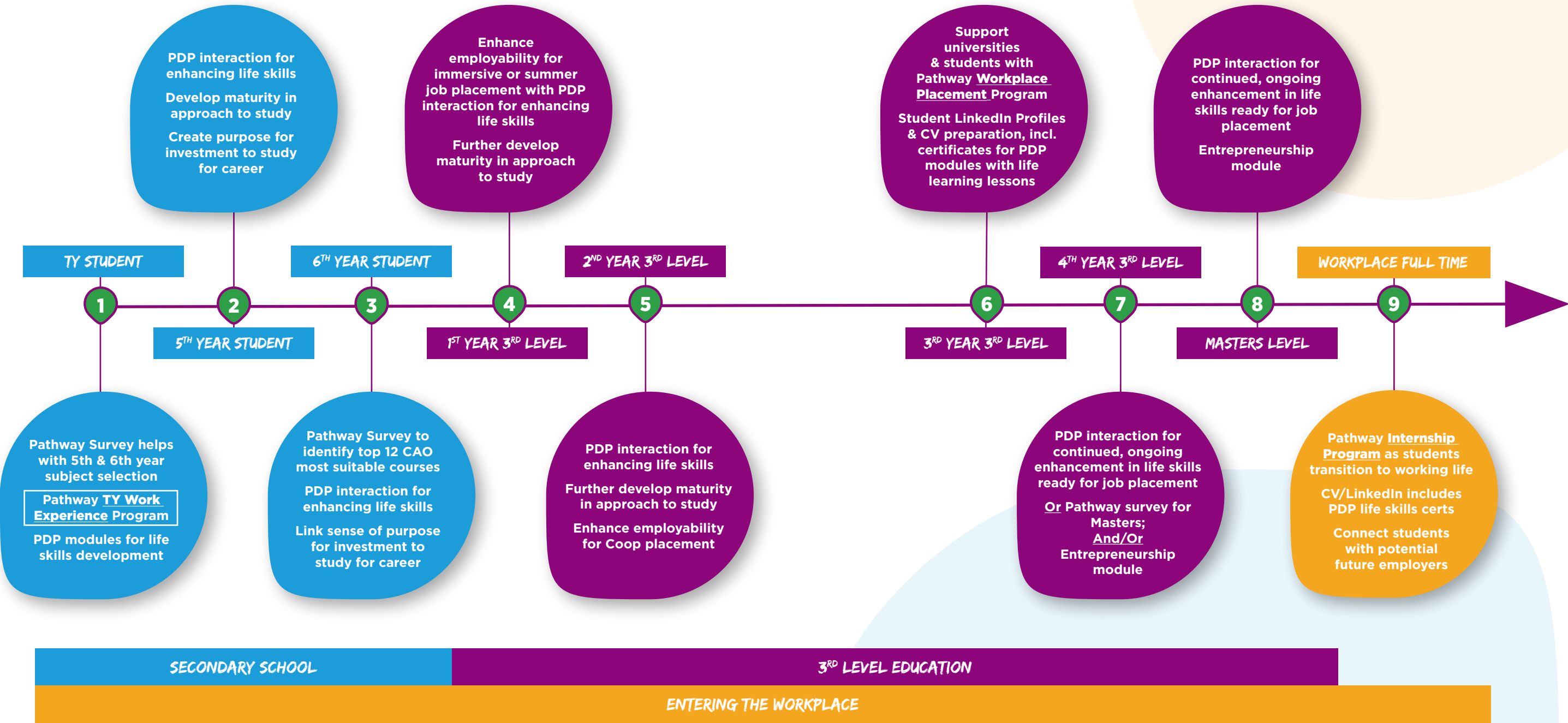
9 POINT VALUE CHAIN

Pathway includes a roadmap to help students on a journey from TY through their senior cycle in second level education, right through 3rd Level, and into the commencement of their working life.



The platform is suitable for students from 16 years to 25 years of age, helping them to foster life skills and engage with potential future employers from an early age.

SUPPORT STUDENTS' LIFE JOURNEY - 9 POINT VALUE CHAIN



MEET THE TEAM



OLIVIA HAYES
Program Director
Overall Pathway Lead



ELLE WALSH
Marketing Manager
**Comms Planning
& Social Media
Content Development**



REECE CREED
Digital Marketing Executive
**Podcast Event Planning
& Social Media
Content Development**



JODIE NOONE
Pathway Program Lead
Content Developer



ERIC GASANOV
Animation and Motion
Design Developer
Graphic Designer



MIA DOYLE
Pathway Program Lead
Content Developer





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