

What is Attract-Transition-Succeed (ATS)?

[The National Plan for Equity of Access 2015-2019](#), has set out five goals in order to achieve increased participation of underrepresented groups in higher education. With this in mind, the ATS project addresses priority goal five with the development of an innovative, inclusive and sustainable model of regional access in order to increase the diversity and social mix of the student population within the higher education institutions (HEIs) in the West and North-West of Ireland. This is achieved by the development of a series of tailored packages, in collaboration with the West/North-West Higher Education Cluster, to widen participation in further education.

Consequently, the aspiration of this *Reach for ATS* outreach programme with Letterkenny Institute of Technology is to raise expectations of students in the hope they will progress on to third level education. The target groups for the outreach programme include groups that are currently underrepresented in higher education, including senior cycle post-primary students (see National Plan for Equity of Access). Therefore, we would encourage schools to choose students who they would think would benefit most from this programme.



*Attract
Transition
Succeed*



How the ATS programme will benefit your students

The project aims to increase students' confidence in maths and communications, with the aim to encourage progression to third-level education. This will be achieved by completing two short educational "stages" over two terms in the coming academic year 2019/20 (please see [programme calendar](#) for further information).

The stages are designed to support the senior-cycle curriculum and offer students the opportunity to experience maths and communications at third-level. Class delivery will be augmented by online support, and participating students will be offered a free trip to LYIT at the end of the project to explore what educational opportunities are available to them.

It is up to the discretion of each school to select up to thirty students who they believe may benefit most from this programme. A school can identify students who they believe could develop their confidence in their educational abilities, and these students can be chosen from any senior cycle cohort; for example, schools may decide to choose ten transition, ten LCA and ten traditional leaving certificate students to participate. Target groups can be students from low income families, or students from families that do not have a tradition of progressing to third-level education.



How to get involved...

- ✓ *Rethinking Maths* and *Rethinking Communications* contain two stages: Discovery and Exploration.
- ✓ Each school will be asked to choose thirty senior-cycle students (for example, ten students from Transition Year, LCA and the traditional Leaving Certificate cohort).
- ✓ Schools will then be asked to include *Rethinking Maths* and *Rethinking Communications* in their class timetables; one stage will be covered per term, and each stage will take four weeks to complete.
- ✓ Students will be encouraged to work independently; there will be a blended learning approach to completing these stages, with a combination of in-class and online support. Therefore in-class tuition will be provided on a fortnightly basis.
- ✓ Schools will also be asked to choose both a preferred term and week to begin the programme, and you will need to get ethical consent from your students prior to this.
- ✓ At the end of the programme, students will be invited to LYIT and transport and refreshments will be covered.

Click [here](#) to register!



Rethinking. Discovering. Exploring.

Rethinking Maths

Discovering

Topic 1: Divide and Conquer

Topic 2: Think Outside the Quadrilateral

Topic 3: The Life of Pi

Topic 4: What's the point?

Exploring

Topic 1: Sine of the Times

Topic 2: The Equaliser

Topic 3: Show me the Money

Topic 4: What's your Problem?

Rethinking Communication

Discovering

Topic 1: Acting Confident

Topic 2: Leading Projects

Topic 3: Time to Talk

Topic 4: Onwards and Upwards

Exploring

Topic 1: Where to start?

Topic 2: Mapping Minds

Topic 3: Beat the Clock

Topic 4: Eye on the Prize



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Programme Calendar

Term 1 (September - October 2019)	Term 2 (November - December 2019)	Term 3 (January - April 2020)	Term 4 (April - June 2020)
W/C Monday 9 September	W/C Monday 4 November 2019	W/C Monday 13 January 2020	W/C Monday 27 April 2020
School 1	School 11	School 1	School 11
School 2	School 12	School 2	School 12
School 3	School 13	School 3	School 13
School 4	School 14	School 4	School 14
School 5	School 15	School 5	School 15
W/C Monday 16 September	W/C Monday 11 November 2019	W/C Monday 20 January 2020	W/C Monday 4 May 2020
School 6	School 16	School 6	School 16
School 7	School 17	School 7	School 17
School 8	School 18	School 8	School 18
School 9	School 19	School 9	School 19
School 10	School 20	School 10	School 20

- ✓ **Twenty Schools** will take part for the 2019/2020 academic year (organised in two groups of ten).
- ✓ **Ten schools will take part** and complete the programme **over two terms**, with a break in between each term (see calendar above)
- ✓ The dates mentioned in the above calendar are approximate, and are subject to change. **Slots will be allocated on a first-come-first-served basis.**
- ✓ There will be **two stages per topic**, and each stage takes **four weeks to complete.**
- ✓ Tutors will visit **schools every second week**; topics not discussed in class must be covered online/independently.
- ✓ A trip to LYIT will also be included at the end of the programme, which is not included in the above calendar.



Frequently Asked Questions

How does the programme calendar work?

The calendar outlines how the programme will be structured. For example, “School 1” will begin the first stage of the programme in term 1, week commencing Monday 9 September 2019. This will then followed by the second stage in term 3, week commencing Monday 13 January 2020.

How long does each stage last?

Each stage will take four weeks to complete, and tutors will visit schools twice during each stage. Visits will take place every two weeks; during the non-visiting weeks students are expected to complete online exercises. See “stage outline example” for more information.

How much class time is needed?

In total, four class hours are required per term; two class hours are required for each visiting week (Maths x 2 hours and Communications x 2 hours). It is up to each school to decide if they want to set aside class hours during the non-visiting weeks.

What are the IT requirements?

There are no specific IT requirements; tutors require a basic classroom set up with a projector, and the online activities can be completed on students personal IT devices. A dedicated online space will be available for students to access the learning materials.

Stage Outline Example
Week 1: Tutors Visit - Topics one and two covered
Week 2: Online activities (based on topics one and two) to be completed during this week
Week 3: Tutors Visit - Topics three and four covered
Week 4: Online activities (based on topics three and four) to be completed during this week.



What are the topics?

Rethinking Maths

Discovering

Topic 1: Divide and Conquer

Order of operations

Topic 2: Think Outside the Quadrilateral

Perimeter, area and volume

Topic 3: The Life of Pi

Area, circumference and geometry of circles

Topic 4: What's the point?

Decimals, fractions and percentages.

Exploring

Topic 1: Sine of the Times

Trigonometry

Topic 2: The Equaliser

Algebra

Topic 3: Show me the Money

Financial mathematics

Topic 4: What's your Problem?

Maths focussed on problem solving.

Rethinking Communication

Discovering

Topic 1: Acting Confident

Performance-based exercises to assist with public speaking, presentations and group work

Topic 2: Leading Projects

A leadership skills workshop

Topic 3: Time to Talk

Preparing and delivering presentations

Topic 4: Onwards and Upwards

Personal development and self-reflection

Exploring

Topic 1: Where to start?

A reading and comprehension skills workshop

Topic 2: Mapping Minds

A writing-skills workshop

Topic 3: Beat the Clock

Time management skills for study and exam time

Topic 4: Eye on the Prize

Exam Skills



Get Involved

Your school can get involved by contacting **Sheila Giblin** on **+353 074 918 6082** or by emailing **Sheila.Giblin@lyit.ie**. Please let us know your ideal start date and class times, and we will try our best to accommodate you.

