**The Bridge to A level**

**Therapy**



**Therapy for Topics**

All therapy references are referenced to the ***PiXL Maths App*** and/or ***MyMaths***

For the ***PiXL Maths App*** you need to navigate to the ***Therapy*** videos.

After logging in, select the ***Design a Test*** tab.

This will give you 7 tabs to choose from (Number, Algebra, Ratio & Proportion, Geometry, Probability, Statistics and Problem Solving). Select one of these; this is the ***Topic***.

You will now see a menu of ***Test Titles***. Select the one you need, and you will need to select the ***Begin Test*** button.

You need not do this test, but it will bring up the ***Therapy Video*** button which you now select.

This will give you the menu of Therapy video titles applicable to this test, Select the one you need.

In Summary, all therapy references are for therapy videos from the PiXL Maths App.

The relevant video is found by accessing

***Design a Test / Topic / Test Title / Therapy video title***

***The PiXL Maths App can be downloaded free from the PiXL website***

[***http://mathsapp.pixl.org.uk/***](http://mathsapp.pixl.org.uk/)

For ***MyMaths***

Log in: Little Heath

Password: Square

The hyperlinks in this document will take you directly to the pages you will need.

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| **Therapy for Topic 1 Quadratic equations**  **Maths App Reference**  1. Functions / Graph transformations part a / Recognise the shape of quadratic graph transformations  2. Functions / Graph transformations part a / Calculate the minimum point of a quadratic function  3. Algebra / Equations / Solve simple quadratic equations  **MyMaths Reference**  <https://app.mymaths.co.uk/574-resource/solving-quadratics>  <https://app.mymaths.co.uk/575-resource/quadratic-formula>  <https://app.mymaths.co.uk/576-resource/completing-the-square> |
| **Therapy for Topic 2 Algebra**  **Maths App Reference**  1. Algebra / Harder equations and re-arranging formulae / Re-arrange a formula where the subject appears more than once  **MyMaths Reference**  <https://app.mymaths.co.uk/563-resource/algebraic-manipulation> |
| **Therapy for Topic 3 Simultaneous equations**  **Maths App Reference**  1. Algebra / Simultaneous equations / Solve linear and non-linear simultaneous equations  **MyMaths Reference**  <https://app.mymaths.co.uk/195-resource/quadratic-simultaneous-equs> |
| **Therapy for Topic 4 Surds**  **Maths App Reference**  1. Number / Surds / Simplify a surd  2. Number / Surds / Rationalise a surd  3. Number / Surds / Operate with surds  **MyMaths Reference**  <https://app.mymaths.co.uk/599-resource/surds-part-1>  <https://app.mymaths.co.uk/600-resource/surds-part-2> |
| **Therapy for Topic 5 Indices**  **Maths App Reference**  1. Number / Indices / Evaluate positive, negative and fractional indices  **MyMaths Reference**  <https://app.mymaths.co.uk/597-resource/indices-part-2>  <https://app.mymaths.co.uk/598-resource/indices-part-3> |
| **Therapy for Topic 6 Properties of lines**  **MyMaths Reference**  <https://app.mymaths.co.uk/559-resource/equation-of-a-line> |
| **Therapy for Topic 7 Sketching curves**  **MyMaths Reference**  <https://app.mymaths.co.uk/588-resource/sketching-polynomials> |
| **Therapy for Topic 8 Transformation of functions**  **Maths App Reference**  1. Functions / Graph transformations part a / Recognise the shape of quadratic graph transformations  2. Functions / Graph transformations part a / Calculate the minimum point of a quadratic function  3. Functions / Graph transformations part b / Recognise trigonometric graph transformations  4. Functions / Graph transformations part b / Interpret values from a transformed trigonometric graph  **MyMaths Reference**  <https://app.mymaths.co.uk/585-resource/transforming-graphs> |
| **Therapy for Topic 9 Trigonometric ratios**  **Maths App Reference**  1. Geometry / Trigonometry / Calculate an unknown angle or side using SOH CAH TOA  2. Geometry / Trigonometry / Apply Pythagoras’ Theorem and SOH CAH TOA in 3D contexts  **MyMaths Reference**  <https://app.mymaths.co.uk/663-resource/special-triangles> |
| **Therapy for Topic 10 Sine / Cosine Rule**  **Maths App Reference**  1. Geometry / Sine and Cosine Rules / Apply the sine and cosine rules to calculate a length or an angle  2. Geometry / Sine and Cosine Rules / Calculate the area of non-right angled triangles and of a segment.  **MyMaths Reference**  <https://app.mymaths.co.uk/656-resource/the-cosine-rule> |