

For each lesson please follow the link to Oak National Academy and watch the video, complete any worksheets and exit quiz.

Year 9

Week 1 – Maths Geometry Angle Review

JOURNEYS

Journey; a passage through life, changing and developing over time.

Life is a journey filled with lessons, hardships, heartaches, joys, celebrations and special moments. Enjoy the ride, not just the destination. Cherish each time and don't wish it away.

Monday

Lesson 1 Angles in triangles

In this lesson, you will review that the internal angles in a triangle sum to 180 degrees.

<https://classroom.thenational.academy/lessons/angles-in-triangles-6cupad>

TASKS: -

1. Watch the video of the lesson
2. Download the worksheet and complete the tasks
3. What have you learnt? Complete the exit quiz

Tuesday

Lesson 2 – Angles in polygons

In this lesson, you will review that the total interior angles of polygons are made up of many triangles.

<https://classroom.thenational.academy/lessons/angles-in-polygons-cdjp4c>

TASKS: -

1. Complete the introduction quiz
2. Watch the video of the lesson
3. Download the worksheet and complete the tasks
4. What have you learnt? Complete the exit quiz

Wednesday

Lesson 3 – Straight line angles and angles around a point

In this lesson, you will review how straight line angles sum to 180 degrees, and how angles around a point sum to 360 degrees.

<https://classroom.thenational.academy/lessons/straight-line-angles-and-angles-around-a-point-c5j64e>

TASKS: -

1. Complete the introduction quiz
2. Watch the video of the lesson
3. Download the worksheet and complete the tasks
4. What have you learnt? Complete the exit quiz

Thursday

Lesson 4 – Angles in parallel lines

In this lesson, you will review the various angle facts that appear in parallel lines.

<https://classroom.thenational.academy/lessons/angles-in-parallel-lines-6xj3jt>

TASKS: -

1. Complete the introduction quiz
2. Watch the video of the lesson
3. Download the worksheet and complete the tasks
4. What have you learnt? Complete the exit quiz

Friday

Lesson 5 – Introducing loci

In this lesson we will be exploring drawing loci that are equidistant between two points

<https://classroom.thenational.academy/lessons/introducing-loci-60tkae>

TASKS: -

1. Watch the video of the lesson
2. Download the worksheet and complete the tasks
3. What have you learnt? Complete the exit quiz

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Year 9

Week 2 – Maths Geometry Constructions, congruence, and loci

JOURNEYS

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Monday

Lesson 6 – Perpendicular bisectors

In this lesson we will be looking at how to draw perpendicular bisectors on a coordinate grid.

<https://classroom.thenational.academy/lessons/perpendicular-bisectors-69jp4t>

TASKS: -

1. Watch the video of the lesson
2. Download the worksheet and complete the tasks
3. What have you learnt? Complete the exit quiz

Tuesday

Lesson 7 – Angle bisectors

In this lesson we will be looking at drawing angle bisectors.

<https://classroom.thenational.academy/lessons/angle-bisectors-70u64e>

TASKS: -

1. Watch the video of the lesson
2. Download the worksheet and complete the tasks
3. What have you learnt? Complete the exit quiz

Wednesday

Lesson 8 – Triangle centres

In this lesson we will be looking at different ways of finding triangle centres.

<https://classroom.thenational.academy/lessons/triangle-centres-64tker>

TASKS: -

1. Watch the video lesson
2. Download the worksheet and complete the tasks
3. Complete the exit quiz

Thursday

Lesson 9 – Plan problems

In this lesson we will be practising how to use perpendicular and angle bisectors to find different regions.

<https://classroom.thenational.academy/lessons/plan-problems-65j30c>

TASKS: -

1. Watch the video of the lesson
2. Download the worksheet and complete the tasks
3. What have you learnt? Complete the exit quiz

Friday

Lesson 10 – Congruence

In this lesson we will learn what is meant by congruent shapes and be able to identify shapes that are congruent.

<https://classroom.thenational.academy/lessons/congruence-75gk0d>

Lesson 11 – Congruence and triangles (part 1)

In this lesson, we will start learning the conditions that make triangles congruent.

<https://classroom.thenational.academy/lessons/congruence-and-triangles-part-1-6xgp8d>

For both lessons complete the following **TASKS: -**

1. Watch the video of the lesson
2. Download the worksheet and complete the tasks
3. What have you learnt? Complete the exit quiz

