

Week 15: White Rose Home Learning

For each lesson this week, except Friday, you will need to watch the relevant video, and stop it occasionally, to answer questions from the activity worksheet. You can now access each day's video from the link provided. To access the daily worksheet simply click on the appropriate file on our school website.

- **Get ready:** Click open today's activity worksheet – for example Monday Maths. If you are unable to print off the worksheet, simply write the answers in your book.
- **Get set:** Click on the video link provided and watch until it tells you to stop watching.
- **Go:** Answer the questions from the worksheet. You can write the answers into your home learning book; no need to print anything out. Then continue watching the video.
- Once finished, **check your answers** by clicking the appropriate file, for example Monday Maths Answers.
- Daily extensions are provided on the next few pages.

Monday - Lesson 1: Measuring with a protractor

Click here to watch the video: <https://vimeo.com/432267594>

Tuesday - Lesson 2: Drawing lines and angles accurately

Click here to watch the video: <https://vimeo.com/432267822>

Wednesday - Lesson 3: Calculating angles on a straight line

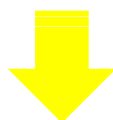
Click here to watch the video: <https://vimeo.com/432267958>

Thursday - Lesson 4: Calculating angles around a point









Click here to watch the video: <https://vimeo.com/432268054>

Friday – Arithmetic Paper (Friday Maths).





Daily extensions







Green Monday

<p>1a. These mice are facing west. They need to turn to face north to find the cheese.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Sally</p> </div> <div style="border: 1px solid black; padding: 5px; border-radius: 10px;"> <p>We need to turn through a right angle.</p> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  <p>Fahad</p> </div> </div> <div style="border: 1px solid black; padding: 5px; border-radius: 10px; margin: 10px auto; width: 150px;"> <p>We need to make a 270° turn clockwise.</p> </div> <p>Who do you agree with? Explain.</p> <p></p>	<p>1b. These pirates are facing north. Their captain tells them they need to turn to face south.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Jake</p> </div> <div style="border: 1px solid black; padding: 5px; border-radius: 10px;"> <p>We need to turn 90°.</p> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  <p>Tara</p> </div> </div> <div style="border: 1px solid black; padding: 5px; border-radius: 10px; margin: 10px auto; width: 150px;"> <p>We need to make a $\frac{1}{2}$ turn.</p> </div> <p>Who do you agree with? Explain.</p> <p></p>
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Green Tuesday

<p>2a. Which of the following cards could be used to complete the statement? Give all of the possible answers.</p> <div style="display: flex; align-items: center; justify-content: center; margin: 20px 0;"> <div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; background-color: #a0c0ff;">S</div> <div style="border: 1px solid black; padding: 5px; background-color: #a0c0ff;">N</div> </div> <div style="margin: 0 20px;">  </div> </div> <div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; background-color: #a0c0ff;">E</div> <div style="border: 1px solid black; padding: 5px; background-color: #a0c0ff;">W</div> </div> <p>Turning from E to ____ > a 180° turn</p> <p></p>	<p>2b. Which of the following cards could be used to complete the statement? Give all of the possible answers.</p> <div style="display: flex; align-items: center; justify-content: center; margin: 20px 0;"> <div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; background-color: #ffcc99;">N</div> <div style="border: 1px solid black; padding: 5px; background-color: #ffcc99;">W</div> </div> <div style="margin: 0 20px;">  </div> </div> <div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; background-color: #ffcc99;">S</div> <div style="border: 1px solid black; padding: 5px; background-color: #ffcc99;">E</div> </div> <p>Turning from ____ to N < a 180° turn</p> <p></p>
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Green Wednesday

<p>3a. Starting at 12:15, the minute hand makes more than 4 but fewer than 7 quarter turns clockwise.</p> <p>What times could the clock show after the turns?</p> <div style="text-align: center; margin: 20px 0;">  </div> <p></p>	<p>3b. Starting at 18:30, the minute hand makes more than 3 but fewer than 6 quarter turns clockwise.</p> <p>What times could the clock show after the turns?</p> <div style="text-align: center; margin: 20px 0;">  </div> <p></p>
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Green Thursday

<p>1a. Label each image with the name of the angle.</p> <p>A. </p> <p>B. </p> <p>C. </p> <p>D. </p> <p>☆</p>	<p>1b. Label each image with the name of the angle.</p> <p>A. </p> <p>B. </p> <p>C. </p> <p>D. </p> <p>☆</p>
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Pink Monday

<p>4a. These pirates are facing north west and their captain tells them that they need to turn to face south.</p> <p>Peter:  We need to turn through a reflex angle.</p> <p>Polly:  We need to make a $\frac{3}{8}$ turn clockwise.</p> <p>Who do you agree with? Explain.</p> <p>☆</p>	<p>4b. These mice are facing south west. They need to turn to face east to find the cheese.</p> <p>Mitch:  We need to turn through an obtuse angle anti-clockwise.</p> <p>Yasmin:  We need to make a $\frac{1}{2}$ turn.</p> <p>Who do you agree with? Explain.</p> <p>☆</p>
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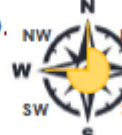
Pink Tuesday

<p>5a. Which of the following cards could be used to complete the statement? Give all of the possible answers.</p> <p>N NE E SE</p> <p>S SW W NW</p> <p>A 360° turn > turning from SE to _____ > a 45° turn anti-clockwise</p> <p>☆</p>	<p>5b. Which of the following cards could be used to complete the statement? Give all of the possible answers.</p> <p>N NE E SE</p> <p>S SW W NW</p> <p>A 45° turn < turning from NW to _____ > a 270° turn clockwise</p> <p>☆</p>
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Pink Wednesday

<p>6a. Starting at 09:10, the minute hand makes more than 5 but fewer than 8 quarter turns clockwise.</p> <p>What times could the clock show after the turns?</p>  <p>PS</p>	<p>6b. Starting at 15:35, the minute hand makes more than 4 but fewer than 7 quarter turns anti-clockwise.</p> <p>What times could the clock show after the turns?</p>  <p>PS</p>
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Pink Thursday

<p>6a. Label each image with the name of the angle.</p> <p>A. </p> <p>B. </p> <p>C. </p> <p>D. </p> <p>VF</p>	<p>6b. Label each image with the name of the angle.</p> <p>A. </p> <p>B. </p> <p>C. </p> <p>D. </p> <p>VF</p>
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Purple Monday

<p>7a. These children are facing SW and their teacher has told them to turn clockwise and then a greater turn anti-clockwise to face W.</p> <p>Daniel: We need to make a $\frac{3}{8}$ turn and then a right angle.</p> <p>Hafash: We need to make a 45° turn and then a whole turn.</p> <p>Who do you agree with? Explain.</p> <p>GO</p>	<p>7b. These children are facing NE and their teacher has told them to turn clockwise and then a greater turn anti-clockwise to face W.</p> <p>Kyle: We need to turn 135° and then an acute angle anti-clockwise.</p> <p>Hattie: We need to make a $\frac{3}{8}$ turn and then a reflex angle.</p> <p>Who do you agree with? Explain.</p> <p>GO</p>
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Purple Tuesday

<p>8a. Which of the following cards could be used to complete the statement? Give all of the possible answers.</p> <div style="display: flex; justify-content: space-around; margin: 10px 0;"> <div style="border: 1px solid black; padding: 2px 10px; background-color: #a0c0ff;">N</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #a0c0ff;">NE</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #a0c0ff;">W</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #a0c0ff;">NW</div> </div> <div style="display: flex; justify-content: space-around; margin: 10px 0;"> <div style="border: 1px solid black; padding: 2px 10px; background-color: #a0c0ff;">S</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #a0c0ff;">SE</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #a0c0ff;">E</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #a0c0ff;">SW</div> </div> <p>A 405° turn $>$ turning from $\underline{\hspace{1cm}}$ to NE $>$ a $\frac{3}{8}$ turn anti-clockwise</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	<p>8b. Which of the following cards could be used to complete the statement? Give all of the possible answers.</p> <div style="display: flex; justify-content: space-around; margin: 10px 0;"> <div style="border: 1px solid black; padding: 2px 10px; background-color: #ffcc99;">N</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #ffcc99;">NE</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #ffcc99;">E</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #ffcc99;">NW</div> </div> <div style="display: flex; justify-content: space-around; margin: 10px 0;"> <div style="border: 1px solid black; padding: 2px 10px; background-color: #ffcc99;">S</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #ffcc99;">SW</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #ffcc99;">SE</div> <div style="border: 1px solid black; padding: 2px 10px; background-color: #ffcc99;">W</div> </div> <p>A 135° turn $<$ turning from $\underline{\hspace{1cm}}$ to SW $>$ a $\frac{1}{8}$ turn clockwise</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>
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Purple Wednesday

<p>9a. Starting at 18:47, the minute hand makes more than 6 but fewer than 9 twelfth turns.</p> <p>What times could the clock show after the turns?</p> <div style="text-align: center; margin: 20px 0;">  </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	<p>9b. Starting at 05:11, the minute hand makes more than 5 but fewer than 8 twelfth turns.</p> <p>What times could the clock show after the turns?</p> <div style="text-align: center; margin: 20px 0;">  </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>
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Purple Thursday

<p>11a. Label each image with the name of the angle.</p> <div style="display: flex; justify-content: space-around; margin: 10px 0;"> <div style="text-align: center;"> <p>A.</p>  </div> <div style="text-align: center;"> <p>B.</p> <div style="border: 1px solid black; padding: 5px; border-radius: 10px;">Minute hand moves from 5 to 15 clockwise</div> </div> </div> <div style="display: flex; justify-content: space-around; margin: 10px 0;"> <div style="text-align: center;"> <p>C.</p> <div style="border: 1px solid black; padding: 5px; border-radius: 10px;">Minute hand moves from 4 to 9 clockwise.</div> </div> <div style="text-align: center;"> <p>D.</p> <div style="border: 1px solid black; padding: 5px; border-radius: 10px;">SW to N clockwise</div> </div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	<p>11b. Label each image with the name of the angle.</p> <div style="display: flex; justify-content: space-around; margin: 10px 0;"> <div style="text-align: center;"> <p>A.</p>  </div> <div style="text-align: center;"> <p>B.</p> <div style="border: 1px solid black; padding: 5px; border-radius: 10px;">Minute hand moves from 7 to 12 clockwise.</div> </div> </div> <div style="display: flex; justify-content: space-around; margin: 10px 0;"> <div style="text-align: center;"> <p>C.</p> <div style="border: 1px solid black; padding: 5px; border-radius: 10px;">SW to NW anti-clockwise</div> </div> <div style="text-align: center;"> <p>D.</p> <div style="border: 1px solid black; padding: 5px; border-radius: 10px;">SE to NE anti-clockwise</div> </div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>
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