| Year 1 Year 2 Year 3 Year 4 Year 5 Year 6 Week 1 Week 2 Week 3 Week 4 Week 5 Week 7 Week 8 Week 9 Week 10 Week 11 Week 11< |
|---|
| Week 1 Week 2 Week 3 Week 4 Week 5 Week 6 Week 7 Week 8 Week 9 Week 10 Week 11 |
| Number: Place Value Number: Addition, Subtraction, Multiplication and Division Number: Fractions is possible value is possible value |
| Number: Number: Number: Number: Algebra Measurement: Number: Number: Ratio |
| |
| Geometry: Properties of Shape Problem Solving Statistics Investigations |





Summer I (Week I): 20.04.20 - 24.04.20

Monday 8th June 2020 (08.06.20) LO: understand the purpose of a use protractor to read and measure angles correctly.

Tuesday 9th June 2020 (09.06.20) LO: understand the purpose of a use protractor to read and measure angles correctly.

Wednesday 10th June 2020 (10.06.20) LO: to calculate missing angles on a straight line and on a point, using angle sum knowledge.

Thursday 11th June 2020 (11.06.20) LO: to calculate missing angles at a point, using angle sum knowledge.

Friday 12th June 2020 (12.06.20) LO: to know that angles that are opposite to each other are always equivalent in size.







QUESTION

How many different types of angles are there? (hint: think back to what you may have learnt in Year 4 and 5)



June 6, 2020







<u>TASK 1:</u>

How do we use a protractor to measure an angle?

Take turns with your partner to explain how YOU think a protractor is used to measure the following angles.









Step I - place the upside down 'T' where the angle has been created.

Step II - place the horizontal line on the straight line so that it matches up.

Step III - use the correct scale and read the size of the angle (hint: what type of angle SHOULD it be).



Step I - place the upside down 'T' where the angle has been created.

Step II - place the horizontal line on the straight line so that it matches up.

Step III - use the correct scale and read the size of the angle (hint: what type of angle SHOULD it be)



Step II - place the horizontal line on the straight line so that it matches up.

Step III - use the correct scale and read the size of the angle (hint: what type of angle SHOULD it be)







- Step II match horizontal line to straight line.
- Step III use the correct scale and read the size of angle





























How many degrees are in a right angle?

How do you know?



How many degrees are on a straight line?

How do you know?

How else can this be said?



How many degrees are in a right angle?

How do you know?



How many degrees are on a straight line?

How do you know?

How else can this be said?

| Angle | Fraction of a full turn | Degrees |
|--------------------|----------------------------|---------|
| Right angle | $\frac{1}{4}$ | 90° |
| Straight line | | |
| Three right angles | | |
| Full turn | | |














11.06.20

LO: to calculate missing angles on a straight line, using angle sum knowledge.

Starter Tasks:

- 'green pen' task

Success Criteria

- arithmetic practice
- To know that angles on a straight line = 180°
- To know that angles on a point = 360°
- To calculate missing angles using the knowledge above

Vocabulary

- protractor
- angles
- measurement
- degrees
- straight line
 - acute, reflex, obtuse
 - right angle
 - on a point

Arithmetic

Copy these questions into your book and answer them

(NB: you may not need to show your working out for every question).



Maths Puzzle (while you wait)...









ACUTE angles that measure < 90°

RIGHT-ANGLE angle that measures exactly 90°

OBTUSE angle that measures between 91° and 180°

REFLEX angles that measure > 180°



















Place a second protractor opposite to this one:

- What shape is created?
- How many degrees do you think it has altogether?
- Are there any other objects that have the same angle size?





12.04.20

LO: to calculate missing angles at a point, using angle sum knowledge.

Starter Tasks:

- 'green pen' task

Success Criteria

- arithmetic practice
- To know that angles on a point = 360°
- To calculate missing angles using the knowledge above

Vocabulary

- protractor
- angles
- measurement
- degrees
- straight line
 - acute, reflex, obtuse
 - right angle
 - on a point





<u>Arithmetic</u>

Copy these questions into your book and answer them

(NB: you may not need to show your working out for every question).



Place a second protractor opposite to this one:

- What shape is created?
- How many degrees do you think it has altogether?
- Are there any other objects that have the same angle size?
































