ANGLES TOOLKIT TASK CARDS (GR. 3/4)

TASK 1

Use the **digital protractor** to find the angle of your chair. Record the angle to the nearest tenth of a degree.

Gr. 4+

TASK 2

Use the **sliding T-bevel** to make a right angle. Use the **digital protractor** to check that you have made a right angle. Record the degree of a right angle.

Gr. 3+

TASK 3

Use the 2 **sliding t-bevels** to capture two different angles in the classroom (one angle should be obtuse and one angle should be acute).

- Use the **digital angle finder** to read the two angles.
- Record to the nearest degree.
- Subtract the two angles to find the difference.

Gr. 4+

TASK 4

Use the **digital angle finder** to create a 90° angle with a laptop or Chromebook screen. Draw a diagram representing the angle of the screen on the recording sheet.

Gr. 4+

ANGLES TOOLKIT TASK CARDS (GR. 3/4)

TASK 5

Use the **sliding t-bevel** to record any angle. Trace that angle on a piece of paper.

- Use the **digital angle finder** or **cam degree wheel** to determine the angle on the **sliding t-bevel**.
- Record the angle on the recording sheet.

Gr. 4+

TASK 6

Use the **cam degree wheel** to locate 90 degrees and 270 degrees.

- What do you notice when these two angles are compared?
- Record observations on the recording sheet.

Gr. 4+

TASK 7

Use the **level** to draw a straight line on a piece of paper. Use the **speed square** to draw a line perpendicular to the original line. Represent this on the recording sheet.

Gr. 3+

TASK 8

Use the **level** to measure the slope of the supports under the table, chair or desk by adjusting the turn dial on the level. Record the angle on the recording sheet.

Gr. 4+

TASK 9

Use the **sliding t-bevel** to create an obtuse angle.

- Trace that angle on a piece of paper and cut it out.
- Place the angle on the **cam degree wheel** to determine the angle.
- Record your angle.

Gr. 4+

TASK 10

Use the **sliding t-bevel** to create an acute angle.

- Trace that angle on a piece of paper and cut it out.
- Place the angle on the **cam degree wheel** to determine the angle.
- Record your angle.

Gr. 4+

TASK 11

Use the **level** to draw a straight line on a piece of paper. Use the **speed square** to draw a line parallel to the original line. Represent this on the recording sheet.

Gr. 3+

TASK 12

Use the **speed square** to draw a line at the following angels:

10°, 20°, 30°, 40°, 50°, 60°, 70°, 80°, 90°

Gr. 4+

TASK 13

Use the **digital protractor** to determine the angle of each corner of your desk.

- Record this angle to the nearest tenth of a degree.
- Now add the four corners together to find the total sum.

Gr. 4+

TASK 14

Use the **digital protractor** to find 3 different objects or surfaces that have a 90° angle. Record these on your answer sheet.

Gr. 3+

TASK 15

Use the **speed square** to draw a 90° angle.

Gr. 3+

TASK 16

Look at the **cam degree wheel**. How many 90° angles do you see? Write this amount on your answer sheet.

Gr. 3+

TASK 17

Estimate a right angle with the **sliding T-bevel**. Find an angle in the room that has a right angle.

- Write the name of that object on your answer sheet.

Gr. 3+

TASK 18

TASK 19

TASK 20

TASK 21

TASK 22

TASK 23

TASK 24