Springvale Maths Trail

Part A

Part A is suitable for all children and their families to do together. It starts and finishes at Springvale School, follow the directions and find the answers to each question.

Remember to look high, look low and all around you, there will be a few clues given from time to time. Have fun and Good Luck!

Start at Springvale Primary School outside the main gates. Head up the street towards town but look out for the yellow road sign.

1A). It says No Stopping Monday to Friday between what times?

Walk up the road towards the zebra crossing but look out for the road sign advising drivers of the low bridge.

2A). How tall is the bridge in metres?

Cross the road carefully at the zebra crossing and head towards Green Road.

3A). What shape can you see drawn on the road at the junction with Sheffield Road? There are rectangles and a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Continue up Green Road but keep a look out at the houses on the otherside. When you find house 258 look at the telegraph pole on the grass verge.

4A). How many cables are there connected to it?

Continue up Green Road, before you reach Green Acres can you find a yellow ‘H’ hydrant sign?

5A). What numbers are on the sign?

Cross the road carefully and continue up Green Road. Go through the tunnel and stop when you reach the gateway towards the Trans Pennine Trail.

6A). Look at the sign on the posts as you enter, it says No Motorbikes, No Quad bikes and No \_\_\_\_\_ by \_\_\_\_\_’s.

Fork right towards the trail but keep a look out on your left (on the fence).

7A). What year was the Road Traffic Act?

Continue to the trail and take a left towards the train station. Keep looking out at the track, especially when you are next to the wooden bench!

8A). Look at the sign next to the signal light. It is a circular sign and looks like it has a fraction written in it. What is this ‘fraction’?

Carry on up the trail towards the train station and take the turn into the station but pause before you go through the gate and have a good look at all the information around you to find the answers to the next four questions.

9A). Look at the sculpture, what year was this produced?

10A). What year was the Factory and Workhouse Act?

11A). In £ what was Penistone’s loss in 1924?

12A). What is the minimum penalty for not having a train ticket when you travel?

Go through the gate and stay on platform 2. Look at the board about the Viaduct Collapse.

13A). What date did the line reopen?

Go past the ticket machines and look at the information boards.

14A). What is the phone number for Crime Stoppers?

Head back onto the trail and continue towards town. Before taking the exit to town stop and look at the information board.

15A). What year did the Town Hall open?

Leave the trail and turn right. Cross the road carefully so you walk past the clinic.

Look up at Green Kleen’s shop.

16A). There are two phone numbers written on the sign. What are they both? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Continue up the road towards the cinema and pause outside to have a good look at the building, what shapes do you see? How many noticeboards are there? How many steps?

17A). Looking up at this building, what year were the council offices built?

18A). Look at the bench, what year was the bench placed here?

Cross the road carefully and go into St John’s Gardens. Follow the path through the garden and search all around for these next answers. You don’t have to leave the path.

19A). What year was Penistone Grammar School founded?

20A). What year was the Cloth Hall built?

21A). What year did they find some old keys in the graveyard during clearance work?

Exit the garden and cross over the road carefully and walk up the hill towards town. Stop by the Vet’s for the next question.

22A). What time is the Vet’s open each day? (Look at the door.)

Cross the road carefully to the chemist.

23A). How many castles are there?

(You will need to look closely at the wall and signs, you don’t need to go round the corner) (Hint two – it’s the word castles you’re looking for!)

Head around the corner, pause near the chemist door and look for the next answer!

24A). What road leads to Springvale and Oxspring?

(Hint it’s a B road, look for a road sign)

Cross over Shrewsbury Road carefully and then cross over again using the pelican crossing. Head towards the market barn. At the market barn stand with your back to the entrance.

25A). How long (in miles) is the Poetry Trail walk?

Keep looking at this sign for your next answer.

26A). When was Penistone Market granted a Charter?

Whilst at the Market Barn have a look inside and see what shapes you can find, include 2D and 3D shapes. What types of angles can you see? Can you estimate the height of the doors? How many strides does it take you to get from one end to the other?

Go back to High Street and cross the road again using the Pelican crossing and walk towards the library.

Pause outside Penistone Group Practice for the next question.

27A). Look at the lamp post, what number is on it?

Carry on towards the library and carefully cross Victoria Street. Stop at the library.

28A). What is the speed limit shown on the library wall?

Staying outside the library look at St. Andrew’s Church and look at the Stained-Glass windows. They are made up of different rectangles making a tessellation.

29A). How many rectangles are there in the bottom right panel?

Cross Ward Street and cross Unwin Street and turn down Green Road, pause briefly at the top before turning down the road. (By the green fenced area.)

30A). What numbers are on the yellow ‘H’ hydrant sign?

31A). What time is the post collected on a Saturday?

Carry on down Green Road and cross over the road just before Lyndhurst Bank. Looking all around (look up!) this is the official home of PFRAC Road Running Division. (Can you find the sign? You need to look at the grassed area between the footpath and Lyndhurst Bank.)

32A). What number is between the letters LP and RRD?

Before crossing Lyndhurst Bank look at the street sign. Which road does this lead too?

33A). How many letters make up this Street name? (Not Lyndhurst Bank, the other road!)

Find a safe place to cross Green Road and head towards the bus stop.

34A). Behind the bus stop is a telegraph pole that is no longer in use. What number is on the pole? (It is broken and faded so look carefully.)

Cross Chauntry Avenue and continue down Green Road but you will need to look up!

35A). What year was Castle Terrace built?

Stop at the gateway to SPXFlow. (Stay on the pavement though!)

36A). What shape is around the green R?

Continue down Green Road but cross over at a safe place to go up Castle Lane.

37A). What is the maximum weight a vehicle can be to drive on this road?

Walk up Castle Lane until you reach some steps on your left.

38A). How many steps are there?

Go back up the steps and continue walking up Castle Lane until you get to Bosville Street. Walk down Bosville Street to Green Road but stop by the street name sign at the bottom.

39A). Look at all the street names. Which letters have at least one line of symmetry?

Cross Green Road carefully.

40A). How many bollards are there?

Walk down Green Road and stop at the traffic lights. Looking at the bridge, what shapes can you see?

Continue down Green Road and carefully cross Green Acres, walk down until you reach the junction with Sheffield Road.

41A). Still on Green Road, can you find the Emergency Gas phone number?

Cross the zebra crossing and head back to the school gates. With your back to school look across the road to the Methodist Church.

42A). What time do Penistone Community Church meet?

Well done! You have completed the Maths Trail, we hope you had fun!