

Calgary Corporate Challenge 2009

Urban Orienteering – Solution Guide

Prime Time – Diversion Puzzle

This really was a test of your knowledge of the multiplication tables. The easiest way to solve this puzzle was to work it in reverse, figuring which of the numbers were NOT prime numbers. For instance one of the numbers given might have been 87. You know 90 is divisible by 3, so therefore 87 must also be divisible by 3. The one number that caused the most problem for teams was 91. But if you think about it, $7 \times 10 = 70$ and $7 \times 3 = 21$, add them together and $7 \times 13 = 91$.

Puzzle Package & SI Fingerstick

The instructions for the 'X Marks the Spot' puzzle said that it would take longer to solve than 'Lite Brite'. And 'Lite Brite' said that the orienteering map pick-up would be approximately 1.5km away from the puzzle. These two statements taken together hinted that the SI Fingerstick should go with the teammates who were solving the 'Lite Brite' puzzle, as they would receive and arrive on an orienteering map before the teammates who were solving the other puzzle. Even from the location of the puzzles (distance to reach the puzzle area from downtown – Beltline vs. Inglewood) and the nature of the puzzles at first glance (finding 9 spots in a smaller area vs. visiting 14 locations spread around a much larger area in Inglewood – with some uncertainty over matching up locations to descriptions) you could have assumed that the 'Lite Brite' puzzle would be solved first and thus be able to reach an orienteering map before the people solving 'X Marks the Spot'. Some teams might have assumed that they would be orienteering at the Pearce Estate, but that was a risky assumption to make if it was incorrect given the comments at the beginning of each of the puzzles.

'Lite Brite' Puzzle

The first part of this puzzle should not have been too much of a mental challenge, the only issue was to recognize the photos as you travelled through the area to answer the questions and find the proper words. The big challenge to this puzzle was figuring out what to do once you had those words, as no detailed instructions were given.

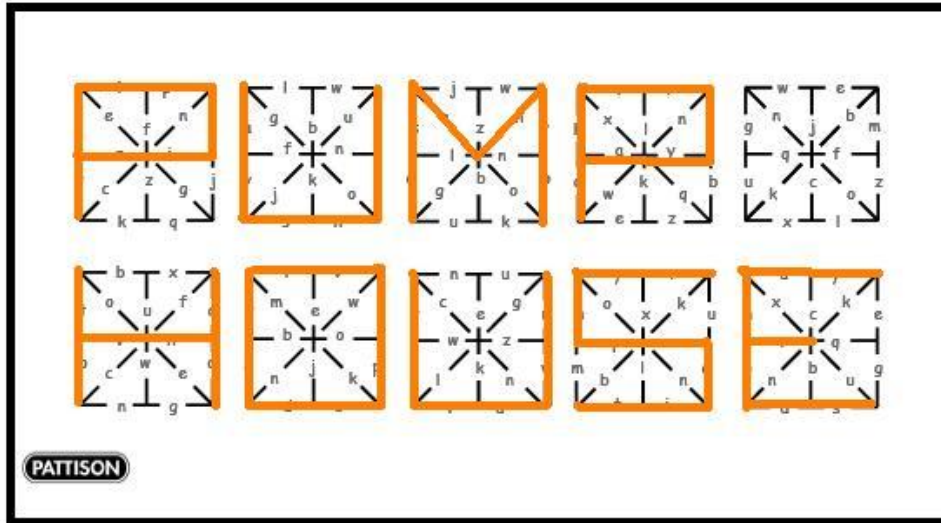
The words you needed to find were:

Livingston , Aesop , Lorraine, Figures , Mermaid, Wesley, Hungary, Platter, Amsterdam

Each of those words had certain letters emphasized with a bullet hole graphic. For instance, the answer to the last photo was 'Amsterdam' and the 's' was the highlighted letter.

The puzzle told you to 'Lite up the segments ... '. If you highlighted the segments with the emphasized letters, you would get:

Lite up the segments to discover where your next challenge is:



The answer was 'Pump House' referring to the PumpHouse Theatre / PumpHouse Park – located along the Bow River west of downtown. At the Pumphouse your team would receive your orienteering map.

'X Marks the Spot' Puzzle

This puzzle tested your observation skills – how keen were you in translating what you saw into words, and vice-versa.

Once you identified the puzzle area as Inglewood, choosing how best to get there was a big decision. Besides running on foot, major bus routes to get there were the #1, the #17 and the express #305. However some of these only run every 30 minutes, so solving the Prime Number puzzle quickly could have been important as to whether you caught a bus or just missed one.

Here are the 'Point Descriptions', and a brief description of what you should have found at each one.

- A. Phina used to be here hanging around a pole.

A sign-post that said '15th Street, Formerly Phina Street'. This was the circle at 9th Ave & 15th Street in front of the new WestCan building. If you were standing right at the centre of the circle – you were standing right under the street sign. You might have seen the sign that said '9th Avenue – Formerly Atlantic Avenue', the Phina Street sign was right above that one – but at a right angle.

B. Grandma's Garden

A sign in a neighbourhood garden. If you read the full sheet you were to collect the house # for this location, which was 1439

C. Forgot your compass? This dark place has a type of navigation aid in their name, but they don't sell compasses!

Blackline GPS – a business in Inglewood at 17th Ave and 13th St.

D. Beforeteen

B14 – a storm sewer outflow on the Bow River.

E. Where Photo #1 resides

A wooden sculpture on 12th Street south of the railroad tracks

F. Old farm equipment reNEWed into art.

A sculpture of farm equipment, set back from the sidewalk. The emphasis of 'NEW' in 'reNEWed' should have given you the hint that this was located on New Street.

G. She'll be riding two red horses... to a Grain Elevator??

Folk art on the north side of a house at 8th Ave and 9th St.

H. A drop in the bucket

One of the information plaques in Pearce Estate – a drawing of a bucket with a drop of water just above it.

I. This explosive co-op will give you a noisy bang.

Fireworks Co-operative at 10th Ave and 14th St.

J. Find Photo #2 and you will find Photo #3.

This was the Gazebo in Nellie Breen park. This was where you collected the password of 'Grow'. The password is used so you don't stumble upon the final location without completing the puzzle.

K. At this place you may see the light

Lantern Church

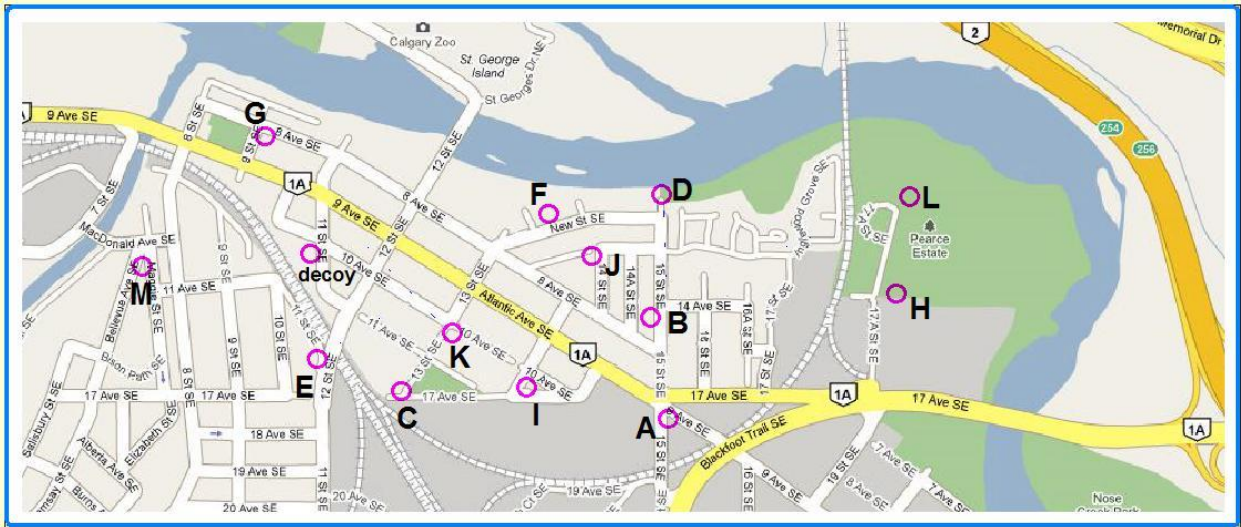
L. "Nip the Bloom in the Bud"

Another plaque in Pearce Estate which used these exact words for a title.

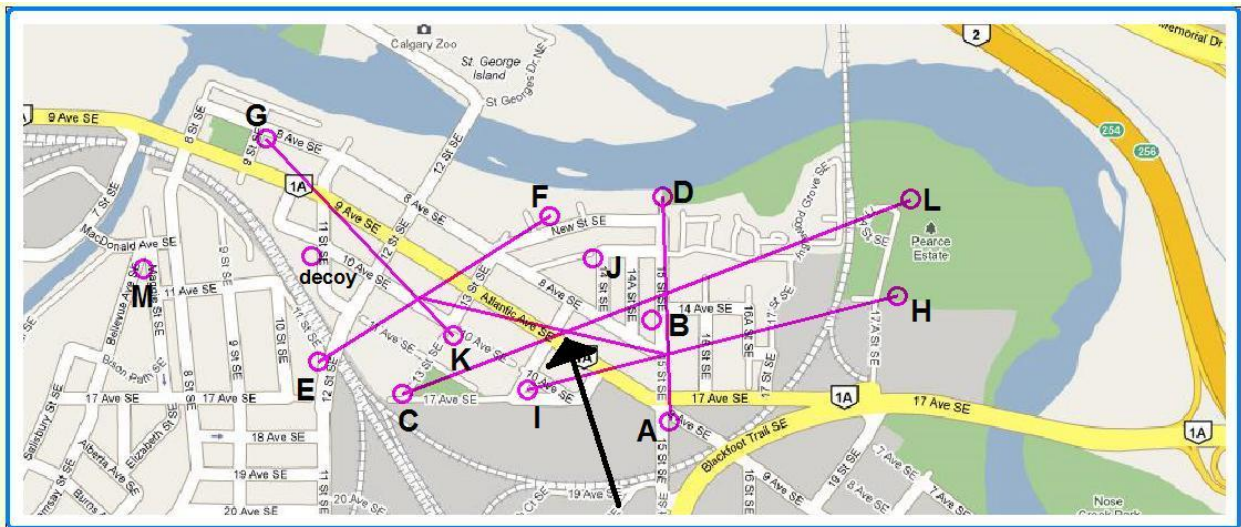
M. If you're really sweet, Dad might buy you a treat here.

Pop's Dairy Bar in Ramsey – founded in 1939.

There was one decoy location – Crown Surplus. The decoy was placed to prevent you from guessing at the matches when you had most of the puzzle completed – and placed strategically so that you would not accidentally find the final puzzle solution location.



Once you identified all of the locations – you would draw the lines on the map according to the instructions given.



You would then go to where the lines crossed – the Northeast corner of 9th Avenue and 14th Street. You might have been shocked to find nobody there – and possibly assumed that you had mis-matched one of the locations and therefore got the lines wrong. However – if you were still using your powers of

observation, you would have noticed the only item at that corner was an advertising post – which looked like :



If you looked at the post closely enough, you would have found one of two posters – these had the Corporate Challenge logo on them – and were titled ‘Urban Orienteers’ (the poster is second from the bottom in the centre row in this photo).

This poster told you to go to the A.E. Cross house, and gave you various instructions on how to find it if you did not know where it was (or you could have asked people on the street). The historical A.E. Cross house is also the home of Rouge Restaurant.

Participants who were really on the ball could possibly have made the connection between the title of the puzzle ‘X’ marks the spot – and the final location, the ‘Cross’ home. Knowledge of the city, its neighbourhoods and major landmarks could have drastically shortened your puzzle-solving time.

Once at the A.E. Cross home – you did not receive an orienteering map, but rather instructions on where to pick it up – at the north side of the pedestrian bridge over Memorial drive near Crowchild Trail. This is close to the other orienteering map used, and close to where you other teammates were going as well.

Bonus Puzzle

Over 40 teams solved the bonus puzzle this year, found Waldo and collected the bonus which was worth 50 points. You simply had to read it upside down. You had to find Waldo in Sien Lok park, in Chinatown and only a block away from Eau Claire. It was essential though that you arrive in time to collect the bonus points, as exactly at 2pm the bonus was closed.

Here is the Bonus puzzle again – flipped upside down. Can you read it now ?

BONUS PUZZLE: Time for Another Game?

To get the bonus points you must get your **entire** team to the secret location with your Sportident stick. This secret location is downtown, in plain sight, but you won't find it unless you can translate the following:

hepo+lyc|e+sly|pas|+ce|d|sey|ay|!|o|p|e|M|x|se|pue|no|+e|s|a|v|no|ce|+|e|+|s|+|s|n|w|n|o|h|,'|s|n|o|q|a|y|+|+|a|b|o|+|
x|e|d|x|o|z|n|a|!|s|p|u|n|o|j|e|b|u|!|a|p|u|e|m|n|o|u|s|!|o|p|e|M|!|u|!|a|w|e|c|+|s|n|r|y|s|e|!|s|m|a|n|e|:|a|+|e|p|d|n|

Wd om+Z|+un nou wo|j|o|p|e|M|s|a|y|M|h|e|l|h|n|o|h|e|w|n|o|h|

s+u|o|d|h|+|!|j|y|+|j|o|m|s|!|s|n|o|q|a|y|,'|o|p|e|M|p|u|!|j|e|c|n|o|h|!|?|a|y|+|e|q|l|!|+|s|+|e|y|p|l|n|o|c|x|c|o|l|c|!|o|o|y|c|s|p|l|o|e|y|+|h|q|
x|e|d|+|j|o|y|s|s|a|w|e|r|+|e|h|e|p|j|a|+|s|a|h|o|p|e|M|e|s|+|s|e|z|a|M|-|m|o|+|n|o|m|o|p|x|c|e|q|h|e|m|j|n|o|h|p|u|!|j|
o|p|e|M|s|a|y|M|h|e|l|h|o|+|a|v|e|y|n|o|h|,'s|+|u|!|o|d|s|n|o|q|j|n|o|h|+|c|a|l|l|o|c|+|+|u|e|m|n|o|h|!|j|n|o|h|m|a|!|v|j|o|+|u|!|o|d|j|n|o|h|n|o|

q|o|o|d|p|u|a|d|a|p|d|n|a|p|s|+|y|b|!|j|j|o|_|n|o|m|o|p|a|p|s|d|n|p|e|a|l|+|o|+|a|z|q|e|b|u|!|a|q|u|!|n|q|o|r|p|o|o|d|

Orienteering Maps

The two orienteering maps were Lawry Gardens and St. Andrews Heights / Hillhurst. Lawry Gardens was chosen as not many people are familiar with this park – except for maybe the bicycle path. It is not often used by the orienteering club due to its skinny dimensions, and location. Also – we wanted to present an ‘inner-city’ orienteering experience that did not just involve city streets and tiny parkettes. We felt that Lawry Gardens would provide a decent demonstration of orienteering and challenge teams with a more complex orienteering map.

As transit-routes to the Pumphouse & Lawry Gardens were limited, we wanted to reduce the amount of travel to the second orienteering map. The St. Andrews / Hillhurst map was adjacent- just across the river – and included many different transportation options to and from downtown. As this map had no street names, teams had to always ‘keep in contact with the map’ – that is always know where they were on the map at all times. This is a key orienteering skill to possess.

Best Overall Route

- 1) Give the SI Fingerstick to the team solving Lite Brite.
- 2) Any team member with orienteering experience should also go with the fingerstick since they will be on an orienteering map collecting points first.
- 3) Team members that solve Lite Brite go to the Pumphouse, orienteer on the Lawry Gardens map and collect 180 points.
- 4) Other team members go to X Marks the Spot and discover the location of the second map. Phone your team members with the SI Fingerstick and tell them the location of the second map pick-up. Then head downtown and find the location of Waldo.
- 5) Team members with the SI Fingerstick collect the second orienteering map – run the course and collect another 180 points. Take C-Train from Lion's Park station back downtown.
- 6) Join with your teammates at Sien Lok park, get the 50 bonus points from Waldo, cross finish line.

This route is approximately that taken by the overall winning team – Pason Systems Corporation – who finished the course with maximum points in 3 hours and 17 minutes. However, another high-ranking team finished with maximum points and did not follow this route at all; they even brought their SI fingerstick to Inglewood so did not collect a single point until after the 2hour mark of the event.