

ARMCHAIR TREASURE HUNT 2012

Solution

Introduction

As all the teams, even those that didn't actually find the treasure, worked out, the treasure was hidden in woods on the outskirts of the city of Bath; Woods and Bath being the twin themes of the ATH this year. The primary part of the Wood theme was the Bath Architects John Wood the Elder and John Wood the Younger. The various "tree-related" wood links were there to point you towards the John Woods. For those worried as to whether they'd mentioned it, I didn't award any marks for observing that I share their surname. The pictures in the top left-hand corner of each page were an acrostic for the author of the poem on which the detailed instructions were coded. The remaining pictures were placed randomly on each page; it was up to the teams to separate out the different themed links.

Points were awarded in the traditional way so that the more teams that got an answer right, the fewer marks given for that question, although I made an adjustment so that one mark was awarded for a question that everyone got right, two marks for a question that one team got wrong etc. Twenty-two points were given to first to the treasure, 21 to second etc. I awarded "half marks" for a virtual-only claim (applied to one team).

The first ticket was claimed on Sunday 16th December by Alcoholus Lubricatum, repeating their success of last year. However, I may need to report them to Social Services for having a seven-year old girl out hunting for treasure in dark and wet woods at 10:18pm on a Sunday evening before the schools have broken up. You can see how distressed she is by the size of the smile on her picture in their report. It was kind of her to leave a Christmas card though. Shame on those teams that claimed it wasn't possible to find the treasure in the dark.

The Puzzletome team submitted the first virtual entry (with map) at 11:58am on 17th December. That afternoon the Psychologicals team took ticket No. 2. It then went quiet for a few days.

Q4T Logicals made a virtual claim at 01:22am on Thursday 20th December, closely followed by Lady Strange and the Earl of Yarborough at 01:33am. As both teams went on to claim physical tickets (numbers 4 and 6 respectively), they get the (higher) credit for those. At 11:15am the Apopheniacs Anonymous claimed ticket number 3.

Ticket 5 was collected by Peter DG Smith et al at noon on 21st December. Can't See the Wood for the Trees submitted a virtual claim on the same day, but the map location wasn't really close enough to give full credit. Another victim of the vanishing toilets (more on this later). They later picked up ticket 8.

No Management Potential claimed ticket 7 on 23rd December.

This year's mystery is what happened to ticket number 9 as no team submitted an entry with this number.

Ticket number 10 was claimed by the Dave Kee team on 24th December. Although they didn't quite have the longest car journey (from St. Albans), the person collecting the ticket had arrived from his home in Discovery Bay, Hong Kong, two days earlier, and therefore wins the prize for most travelled.

Post-Christmas, ticket 11 was claimed by Team Poirot on 27th December and ticket 12 by PATHfindersATH the following day. The e-mailed claims were telling of increasingly soggy tickets. My "test box" had survived from August to December without any problems, but I didn't allow for people finding the treasure in the rain so I made another trip to leave a better box and more waterproof tickets. Ticket 13 was collected by the Famous Five and finally ticket 14 by Twelevepack on 12th January.

The top-scoring team was Apopheniacs Anonymous, who had the best record on the questions, solved the numbers code and found the link between the wood/tree codes and the anagrams. Lady Strange and Earl of Yarborough were a close second with last year's joint winners, now named Can't find the Woods for the Trees, in third. The Psychologicals in fourth were the only other team to exceed 1000 points.

Poster

Apologies to those teams hoping to limber up with lots of clues in the poster. I suspect that most practise was had in leaping to wild conclusions and heading off down blind alleys. The poster only had three clues. The title was in "Woody" font (not "Pinewood", although it is very similar) and there was the Teddy Bear's picnic (If you go down to the woods today...). The bears were pictured in front of an outline of Sham Castle in Bath. From the teams I was watching there was much speculation about the location of this, but little reference to Bath before 10:45 on the morning the Hunt was released.

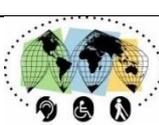
FYI, there was nothing pictured behind any bear's ear. The references to "dad" in the filename were because the poster design was subcontracted to my daughter, who is studying Graphic Design at Portsmouth University. I expected something more photo-realistic, but preferred what she actually produced as I think it helped obscure the location better. "Abby" is how she refers to her computer by the way (named after the forensic scientist in NCIS.)

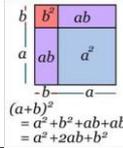
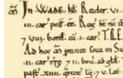
Front Page

As most teams (eventually) realised, each picture presented a letter of the alphabet followed by ATH somewhere in the word. This was not a Playfair Cipher nor Polybius Square as some speculated. The key was in the phrase "find what's missing" in the instructions. The missing letter being B for BATH.

As finding pictures on the net seems so easy nowadays, I only awarded the marks if you specified the meaning, not just identified the letter. For instance Nath wasn't sufficient; I needed to see that it was Nathaneal.

	Sony AATH, a Bengali language film channel
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	Jessica Ennis, the hepTATHlete (although some teams had her doing the Triathlon or Pentathlon)
	Anne HATHaway's cottage.
	Obama taking the OATH.
	JATH State Flag
	The Lat/Long co-ordinates for XATH in Albania. I wanted a map, but couldn't find a decent one.
	Depth chart in FATHoms
	Star Trek wRATH of Khan figures
	Man shaving with LATHER
	QATH is Hebrew for a Pelican (Qa'ath in some translations)
	Just a PATH. For those interested, this is the rear view of Dyrham House, a National Trust property to the North of Bath. I took this picture on the way to a reconnaissance visit to Bath in August. The builder being William BLATHwayt caused a bit of unintentional confusion.
	Logo of the Society for Accessible Travel and Hospitality (SATH)
	Wells CATHedral
	Celtic Owl UATH Hawthorn pendant
	hEATHER on the 7 th Hole at Hankley Common Golf Club. I was in the bunker on the right in the summer. hEATHland was also accepted as an answer.
	Lawson D'ATH has squad number 40 for Reading Football Club.

	NATHanael under the Fig Tree (John 1:48). Not Joseph of AriMATHea as some speculated
	Paul YATH, yo-yo world champion in 2006 (3A Division)
	MATHeMatics
	Domesday book entry for WATH-upon-Dearne. I had my first driving lesson near here.
	ZATH, giant spider from Conan and the Spider-God
	Sven VATH CD, The Sound of the Seventh Season
	LeviATHon.
	KATHmandu
	GATHER Ye RoseBuds While Ye May by Theodore Blake Wirgman

P2 - Instructions

The instructions on P2 were written in a “typical ATH” style. In many cases such instructions will contain a hidden message. This wasn’t the case this year, although it did look as though they were going to include an acrostic. The instructions did warn “except for those things that might lead you astray”. Other than this false acrostic, there were no deliberate red herrings, but that didn’t stop some teams finding several anyway.

The intentions behind the meaningful bits of the instructions were:

Decide what’s missing: this is the front page: the letter B is missing; giving BATH when combined with ATH.

Discard the Odd: Take the Even Numbered question answers in order to find the title of the poem. The Odd numbered questions spell out the traditional festive message.

Decide on the Order: Having identified the Wood pictures and picked out the letter in accordance with the wooden numbers, you need to decide on the order to put them in to read Combe Down, the treasure location. The order is the alphabetic order of the solutions to the anagrams (the Bath University Halls of Residence.) You also need to take the phonetic alphabet pictures in reverse page number sequence to spell Aquae Sulis.

Justify your answers: in particular this refers to the pictures on pages 1 and 12. I didn't just want to know that you'd identified the internet picture of Wilbur the Turkey; I wanted to know that you'd related it to Norfolk House on the treasure route. Similarly, I wasn't interested in the painter of the wave picture, but that you'd linked it to the Museum of East Asian Art.

Questions

The questions proved to be quite a challenge for some teams. Getting enough right to spot the acronyms (or back-deriving from finding the poem) probably helped in finding answers to the remainder. Even so, three questions defeated everyone.

I tried to include as many "wood" links as I could, but these were distributed randomly, depending on for which initial letters I could find an appropriate link. I also had a bit of a theme of 2012, both in terms of alternative uses for the number and in anniversaries. This was more about trying to find interesting questions than any particular pattern.

No	Question/Answer/Link	Odd	Even
1	Who didn't run in 2012?	A	
	Alfredo Arevalo. Guatemalan marathon runner was allocated athlete number 2012 at the London Olympics but was only a reserve and never actually got to compete.		
	http://www.bbc.co.uk/news/magazine-19180559		
2	Where was 2011 shortest?		S
	Samoa (and Tokelau). Samoa crossed the international date line thereby missing out 30 th December 2011 making the year one day shorter than everywhere else.		
	http://www.bbc.co.uk/news/world-asia-16351377		
3	Climbing Everest and a Bomber Command mission over Germany were both about 40k what?	M	
	Micromorts. A micromort is a one in a million chance of dying and both of these activities equated to about 40,000. Thank you to the teams that found the link below; I was at this (fascinating) lecture and instantly thought that it would make a good ATH question.		
	http://www.telegraph.co.uk/culture/hay-festival/9311525/Hay-Festival-2012-day-five-as-it-happened.html		
4	Whose pure work attracted a kiss at a cost of one Euro?		T
	Cy Twombly, whose untitled triptych of white canvas (hence "pure work") was kissed in 2007. The artist received one Euro in compensation (although the gallery was awarded a larger amount.) I didn't accept Paul Cockshedge's installation in Milan, for which one euro was donated for everyone who kissed under the mistletoe as it didn't fit the "pure work" part, but I did award a bonus point for it.		
	http://www.bbc.co.uk/news/entertainment-arts-19869154		

No	Question/Answer/Link	Odd	Even
5	Where can Sean now stand to cheer? On the Jessica Ennis Stand. There has been speculation that we shouldn't have the annual Sean Bean question, but as a fellow Blades fan I wasn't going to be the one to break the tradition, especially when the club renamed one of its stands in honour of Jess (also a big fan). Some teams took stand as being on your feet rather than seated, but it was intended to point you to the structure. http://www.bbc.co.uk/news/uk-england-south-yorkshire-19433696 http://en.wikipedia.org/wiki/File:The_Jessica_Ennis_Stand_at_Bramall_Lane,_Sheffield_United_FC_stadium.JPG	E	
6	He's reached 50, but what profession did his namesake have? Ornithologist. James Bond was named after the author of Birds of the West Indies, which Ian Fleming had whilst writing Casino Royale on Jamaica. It is fifty years since the first Bond film was released, although the books have been around for longer. http://www.telegraph.co.uk/news/uknews/3541014/Ian-Fleming-book-with-message-to-the-real-James-Bond-auctioned-for-50000.html		O
7	Which organisation developed a geek, or should that be Greek, computer? Raspberry Pi Foundation. Nuff said? Actually I'll add that I rejected the Lego Antikythera Mechanism as it was developed by an individual (an Apple Engineer) rather than any organisation. http://www.raspberrypi.org/about	R	
8	Who trains a team of nominally cold ruminants? PINE Pienaar is the coach of the Blue Bulls, a South African Rugby Union team. I accepted a couple of similar named sports teams, though none had a wood link. I didn't accept Father Christmas (no "nominally cold" link). http://en.wikipedia.org/wiki/Blue_Bulls		P
9	In which room could you be in a shower without getting wet? In the Rain Room in the Barbican. The room contains sprinklers that rain water down, except where it detects the visitors to be. http://www.guardian.co.uk/artanddesign/2012/oct/03/random-international-rain-barbican	R	
10	Who's now looking for unvisited places to go? Chris PINE; the latest to play Captain Kirk (boldly going where no one has gone before) http://en.wikipedia.org/wiki/Chris_Pine		P
11	Where could you no longer search for their alliterative leader in January? On (or in) Yahoo, as (Jerry) Yang left on 18 th January 2012. This was the day much of the internet "went dark" in protest at government regulations on information release, another reason not to be able to search. http://www.bloomberg.com/news/2012-01-17/yahoo-says-co-founder-jerry-yang-resigns.html	Y	
12	Where is truth newly displayed? Ilfracombe. This caused a bit of confusion. Damien Hirst's statue of Verity (i.e. truth) caused much controversy when erected on the seafront. http://www.telegraph.co.uk/culture/culturevideo/artvideo/9615156/Damien-Hirsts-Verity-statue-takes-up-position-in-Ilfracombe.html		I

13	Which big brother of a scarecrow was a success in 2012? The answer I was looking for was Curiosity; the Mars Rover was a big success in 2012. There is an earth-based test vehicle known as Scarecrow because unlike Curiosity it has no brain (a la Wizard of Oz). Originally the question said “in August 2012”, when Curiosity landed, but I thought that was too easy. I was therefore surprised when no one got this right, especially as the Scarecrow featured on “Stargazing Live” in early January. It appears that the “big brother” reference led everyone astray. Having reviewed the evidence I decided to accept “Amy Childs” as a valid answer since she played the Scarecrow on Big Brother and has had a successful 2012, including launching her own perfume, coincidentally in August (and it gave the right letter). On this basis half the teams got the correct answer, which seemed a reasonable consensus. http://www.newscientist.com/blogs/shortsharpsscience/2012/05/scarecrow-mars-rover-takes-spi.html http://www.standard.co.uk/showbiz/if-i-only-had-a-brain-amy-childs-handed-scarecrow-role-in-wizard-of-oz-task-6436678.html	C	
14	What colours an ATHer from CGI HQ’s satellite? Another question that defeated everybody, which is a pity because I was particularly pleased with finding this one. The answer is Niobium. An ATHer is a Hunter; their satellite is a moon, so we have Hunter’s Moon. The “from CGI HQ” is a convoluted way of saying Canadian. A Hunter’s Moon is a Canadian coin which contains Niobium, giving each coin a distinct colouring. This wasn’t the CGI question. http://news.coinupdate.com/hunters-moon-silver-and-niobium-coin-1001/		N
15	Who turned his view of a despairing person into an iconic symbol? Gerald Holtom: A graphic designer who produced the Nuclear Disarmament symbol, it represents a person with arms outstretched and hanging down “to mean a human being in despair” as well as combining the semaphore signals for N and D. I didn’t accept Edvard Munch as the The Scream is not a symbol. http://news.bbc.co.uk/1/hi/magazine/7292252.stm	H	
16	Which superhero came out? Green Lantern. One of the easier questions. http://www.guardian.co.uk/books/2012/jun/01/green-lantern-gay-dc-comics		G
17	What is the Shades of Grey hero’s postcode? RG6 7GD from Jasper fforde’s novel “Shades of Grey”; everyone has their own personal postcode (and spoon if they’re lucky). Nothing to do with 50 Shades of Grey (but I liked the implication that it might be; I was disappointed that I couldn’t find a way to fit it into question 50.) One team also noted that RG6 7GD in the real world lies between Beech Lane and Oak Wood . http://www.jasperfforde.com/grey/grey1.html	R	
18	Where can you park in 2012 to catch a train from a field? Nobody managed to get the answer Basingstoke. When using the “park by phone” scheme, the Bunyon Place car park at Basingstoke is location number 2012. In Apple’s ill-fated location system, Basingstoke appeared as a dot in a field. I gave a bonus point to teams that offered Helsinki Station which had a similar Apple issue. https://www.myringgo.com/whereitworks?id=27 http://bits.blogs.nytimes.com/2012/09/21/apple-maps-app/		B
19	What can you get from cows in Cowes? I ♥ Isle of Wight Milk. An attempt to persuade the locals to drink milk from the island. I saw it on a local TV news item. Some teams thought this one a bit weak. Full points for those who got the full name; a bonus point for those who only offered “Isle of Wight Milk”. http://www.islandmp.org/press_release_item_322.php	I	

20	In which National Park did you used to be able to take a drive through the wood? Yosemite. The Wawona tree (which fell over under the weight of two tons of snow) had a tunnel cut through it, through which you could drive. http://en.wikipedia.org/wiki/Wawona_Tree		Y
21	What thinks quickest? What thought quickest for most of October 2012? The SEQUOIA Petascale computer. It was still the fastest when we checked the answers, but Cray launched Titan, an even faster computer on October 29 th . http://en.wikipedia.org/wiki/IBM_Sequoia	S	
22	Where was the year's most undeserving Dettori-style dismount witnessed? Worcester. Moulin de la Croix won a race after the other 11 horses were withdrawn in protest at the low amount of prize money on offer. His jockey celebrated with a Dettori-style flying dismount in the winner's enclosure. http://www.bbc.co.uk/sport/0/horse-racing/18802496		W
23	Surprisingly, Upper Slaughter is one, which is the only French example? Thierville. Upper Slaughter is one of the Doubly Thankful Villages, who lost no inhabitants in either the first or second world war. Thierville is the only such French village. http://en.wikipedia.org/wiki/Thankful_Villages	T	
24	Which peeled sphere contained a skull and a little bit of popcorn? Oxygene. Not the CGI question, just a reference to the album. http://en.wikipedia.org/wiki/Oxygene_(album)		O
25	Which noisy peer died, 50 years after the founding of his company? Jim Marshall, known as the Lord of Loud, died this year. Marshall Amplifiers was founded in 1962. http://en.wikipedia.org/wiki/Jim_Marshall_(businessman)	M	
26	Which cookie was the first of seven to appear at a Chinese research centre? Oreo. The first of seven pandas to be born at Chengdu Panda Base. http://abcnews.go.com/blogs/headlines/2012/11/seven-pandas-born-in-three-months-make-their-debut/		O
27	What, sadly, didn't happen 25 years ago? The ATH. No puzzle was set in 1987. Apparently Pablo "had a bad idea" (the "sadly" was the nearest I got to a Pablo tribute). I think this is the "D'Oh" question, in that anyone who didn't get the answer should now be kicking themselves. http://public.logica.com/~ath/archive/index.html	A	
28	Where is it proposed that the class who were originally waiting for the bell will be able to walk down their street? Dundee. There is a proposal to rename one of the roads Bash Street in honour of the Bash St Kids. The comic strip was originally known as "When the bell rings". http://www.bbc.co.uk/news/uk-scotland-tayside-central-20672645		D
29	Whose final key layout ended up in the Science Museum? Christopher Sholes, the designer of the QWERTY layout. The final (Brother) typewriter to be produced in the UK was sent to the Science Museum. http://www.bbc.co.uk/news/uk-20391538	S	
30	Whose phone bill looked more like her phone number? Solenne San Jose. Quite an easy question, but couldn't resist her 11,721,000,000,000,000 Euro phone bill. http://www.bbc.co.uk/news/world-europe-19908095		S

31	Which fruit went into space? The answer I was looking for was APPLE: the Ariane Passenger Payload Experiment, an Indian satellite. I should have indicated that this was not a current question. I accepted any answer of Apple, including the food first eaten in space, a drop test on an Apple computer and a load of apples sent to the space station. I also accepted Ariane as it is (also) the name of a French apple. http://en.wikipedia.org/wiki/Ariane_Passenger_Payload_Experiment	A	
32	What sort of mess are we in this year? Omnishambles: word of the year according to the OED. http://www.bbc.co.uk/news/uk-politics-20309441		O
33	Which scoop derivative is going digital? Newsweek: will have gone all-digital on 31 st December as part of the Daily Beast (which was named after the newspaper in the novel Scoop by Evelyn Waugh) http://www.reuters.com/article/2012/10/18/us-newsweek-digital-idUSBRE89H0L020121018	N	
34	Who won a prize with printing monarchs? Paul Nicklen: won the Veolia Environment Wildlife Photographer of the Year with his "Bubble-Jetting Emperors" picture. http://www.nhm.ac.uk/about-us/news/2012/october/winning-wildlife-photos-2012-revealed115326.html		N
35	Who upset pandas in his store? John Daunt, MD of Waterstones who announced that he was dropping the apostrophe from their name (although it is still there on the store in Bath). "Pandas" is of course a reference to Lynne Truss's "Eats, Shoots and Leaves" which used to come with a set of stickers bearing the words "Panda says NO" to stick over grocers' apostrophes. Anyone who was stalking me properly would have found it on my desk calendar for 2013. One team got this right, but for a totally different reason. http://www.telegraph.co.uk/finance/newsbysector/retailandconsumer/9007692/Waterstones-drops-its-apostrophe.html http://yumipitz.blogspot.co.uk/2008/04/panda-says-no.html	D	
36	Which former politician could get tied in knots? My answer was Madeline Albright. An Albright is also a type of knot. Several teams got the much better answer of Jack Ashley, as Ashley's book of knots is the definitive work on the subject and it has a wood theme through Ash. I marked both correct and awarded a bonus point to those getting Ashley for finding a superior answer. http://www.animatedknots.com/albright/index.php http://www.ebook3000.com/Ashley-Book-of-Knots_6200.html		A
37	Whose work was heard across the airwaves? Damon Albarn; composed "2LO Calling" that went out simultaneously across all the BBC radio channels to celebrate 90 years of the BBC. http://www.bbc.co.uk/news/entertainment-arts-20309289	A	
38	In which geographic area is it most dangerous for cats to live? Suffolk. Suffolk declared itself to be a "Curious County" and as we all know, curiosity killed the cat. No one got this one either (seems to be a theme of not getting answers related to curiosity; strange for an ATH.) This was another question that started out too easy ("In which county...") and ended up being too hard. http://www.guardian.co.uk/commentisfree/2012/oct/18/suffolk-curious-county-slogan		S

39	Which club wasn't amused by the tax man? Hibernian. Not Rangers nor Portsmouth nor some dodgy cannabis club in Canada. Willie Docherty, the stadium announcer, played Taxman by the Beatles at half-time during a match to poke fun at Hearts, their Edinburgh rivals, who had been served with a winding up order over unpaid tax. The club was not amused and sacked the announcer. http://www.bbc.co.uk/news/uk-scotland-edinburgh-east-fife-20312355	H	
40	Where don't you need to vote for the spoil ballot paper party? Nevada. This US State includes a "none of the above" option on its voting slips. I didn't accept answers relating to zero turnout in Police and Crime Commissioner elections as they didn't fit the "don't need to vote" wording. http://www.cbsnews.com/8301-201_162-57506873/nevadans-to-keep-none-of-the-above-ballot-option/		N
41	What can be a dog, a satellite, a retailer and an oil company? Argos. Odysseus' faithful dog, the Advanced Research and Global Observation Satellite, the catalogue retailer and a North Sea Oil company headquartered in Rotterdam. http://en.wikipedia.org/wiki/Argos_(disambiguation)	A	
42	Who decided on a £160 upgrade? George Osborne. Caught in First Class with a Standard Class ticket. Chose to pay the extra (several teams stated that it was £189.50 rather than the £160 originally reported) rather than move to sit with the plebs. Pretty easy but highly amusing. http://www.telegraph.co.uk/news/politics/ed-miliband/9621154/George-Osborne-forced-to-pay-160-upgrade-to-sit-in-first-class.html		O
43	Whose last work was finally completed nineteen years after his demise? River Phoenix. His last film, Dark Blood, was completed by the director in 2012 and premiered at the Netherlands Film Festival in September. http://newsfeed.time.com/2012/11/04/river-phoenixs-last-film-is-here-19-years-after-his-death/	P	
44	Which heavyweight proved to be a cup winner? Sonny Bill Williams. New Zealand Professional Boxing Association Heavyweight Champion, he played for the All Blacks in the last four minutes of the 2011 Rugby World Cup final. http://en.wikipedia.org/wiki/Sonny_Bill_Williams		W
45	Which winged "fish" is fine Friday fare? Puffin. This caused a bit of confusion. The catholic church declared the puffin to be a fish, which means it can be eaten on a Friday. I also accepted Barnacle Goose. http://www.independent.ie/unsorted/features/how-the-puffin-the-turtle-and-the-guinea-pig-turned-into-a-fish-268321.html	P	
46	Which premier premier encouraged reproduction? Lee Kuan YEW. The first prime minister (i.e. premier premier) of the Republic of Singapore tried to encourage a higher birth rate. http://www.channelnewsasia.com/stories/singaporelocalnews/view/1219552/1/.html		Y
47	Which uncommon person replaced a former UN peacekeeper with a prize-winning dog? Sir George Young (sixth baronet). He replaced Andrew Mitchell following plebgate. Andrew Mitchell is a former UN peacekeeper. His dog, Molly, won "Westminster dog of the Year" in 2009. The fact that this blew up again after the Hunt started may have helped some people get this one? http://en.wikipedia.org/wiki/Sir_George_Young,_6th_Baronet http://en.wikipedia.org/wiki/Andrew_Mitchell	Y	

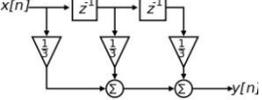
48	Who has redirected his musical talents to introducing Maths and Technology? ELMo. Elmo's World was phased out of Sesame Street and replaced by Elmo introducing STEM (Science, Technology and Maths) subjects through his songs. Brian Cox (of D:Ream fame) is really confined to Astronomy and Physics rather than Maths and Technology and so wasn't accepted. http://www.nytimes.com/2012/09/16/arts/television/sesame-street-adds-elmo-the-musical.html?pagewanted=all&_r=0		E
49	Which organisation had its fine for littering paid 30 years later by another? NASA. Relatively easy question. When Skylab fell to earth in Australia the local authority fined NASA A\$400 for littering. Thirty years later the fine was paid by a radio station. http://en.wikipedia.org/wiki/Skylab	N	
50	What achieved a high score of 84pts but ended up on the losing side? Velaria. In the UK National Scrabble Championships this was the highest scoring individual word. Wale Fashine who played it lost the match. The question was made more difficult by the BBC mis-reporting the scores of individual words (Velaria was given as 80 points in the report.) One team found this, but wasn't convinced by their answer. I also gave the points to "Can't find the woods for the trees" who found a Canadian scrabble tournament where the runners-up scored 84 pts for "Vikings"; the highest individual score. Now that's what I call a coincidence! http://www.centrestar.co.uk/cgi-bin/showgcg.cgi?id=/uknsc12/g3;turn=23		V
51	What failed to combine with Birch? ELM. Birch and Elm were the codewords for BAeSystems and EADS respectively in their ill-fated merger plan. Couldn't pass up a link to the theme like that. http://uk.reuters.com/article/2012/09/13/uk-bae-eads-deal-idUKBRE88C13S20120913	E	
52	What ran from Manchester to Bournemouth (non-theme part of name) PINES Express. In the era when many train services were given names, the Pines Express was so named for the pines growing in the Chines at the Bournemouth end of the line. Importantly, it ran via Bath Green Park Station and Combe Down and was therefore very useful for the route. http://en.wikipedia.org/wiki/Pines_Express		E
53	Who lost a ball and the cup? Paul WOOD. In the (Rugby) Super League Grand Final, played on despite suffering a ruptured testicle; Warrington Wolves still lost the match (double ouch). I didn't accept answers of Tiger Woods or Lee Westwood which had much more tenuous links to cups. http://www.telegraph.co.uk/sport/9597105/Warrington-Wolves-prop-Paul-Woods-eye-watering-wound-lands-him-a-berth-in-sports-Hall-of-Pain.html	W	
54	Who wrote the theme that started it all off and closed the latest chapter in October this year? Monty Norman. Another James Bond question. Monty Norman is credited with writing the bond theme music (and has the royalties to prove it), although the John Barry arrangement is what we all remember. It was used to open Dr No and over the closing credits of Skyfall, released in October. http://en.wikipedia.org/wiki/James_Bond_Theme		N
55	What is less than 10 x 13? A Yarborough. In Bridge, a hand where all thirteen cards are nine or less. Unsurprisingly the Barden's team was one of those to get this one (I'd forgotten their team name when I set the question) http://en.wikipedia.org/wiki/Yarborough_(bridge)#Yarborough	Y	

56	What underground development will we see more widely in 2013? ITC Johnson. This was the CGI question. The new CGI logo (which is both wider than the old version and will be distributed more widely as we are now a larger company) will use the ITC Johnson font, derived from the Underground font. It was announced on the intranet. Apologies to those teams without a CGI member, but you weren't at much of a disadvantage as no one else got it right either. See CGI-brand-guide_version-1.pdf (CGI members only, sorry)		I
57	Which village celebrated its birthday by moving the pub? Emmerdale. Celebrated 40 years with a live episode. This meant that they couldn't have the indoor scenes filmed in a studio and the outdoor scenes several miles away in the village location. Therefore they rebuilt The Woolpack on location. http://www.theemmerdaily.com/emmerdale_news/content.asp?ni=505	E	
58	Where has a number of stories gone national? Newcastle. The Seven Stories Centre in Newcastle became the National Centre for Children's Books http://www.sevenstories.org.uk/news/latestnews/national-accreditation		N
59	Who helped launch a beer in his image? Danny Alexander: helped launch Ginger Rodent beer. http://www.heraldsotland.com/food-drink/latest/danny-alexander-launches-ginger-rodent-beer.2012117937	A	
60	Who thought this would be the year we'd all be shorter so as to double the number on each property? Genesis (or Genetic Control). In the "Get 'em out by Friday" track on the album Foxtrot, in 2012 Genetic Control announces that human height is to be restricted to four feet so that twice as many people can be accommodated in the same tower block. http://en.wikipedia.org/wiki/Get_'Em_Out_by_Friday		G
61	Who knows what he's doing and has the T-shirt to prove it? Kimi Raikkonen. This didn't prove too difficult. In the Abu Dhabi Formula One race he was reminded by his team to keep the tyres warm whilst following the safety car. His response of "leave me alone, I know what I'm doing" ended up on 500 T-shirts he had delivered to the factory on Monday morning following the race. http://www.sportsmole.co.uk/off-the-pitch/lotus-renault/abu-dhabi-grand-prix/news/raikkonen-sends-t-shirts-to-teammates_53961.html	R	

Author – Wood Link

Having decided that the code on p12 was (a variant) on a page/line/letter code, the key was finding the Author. This was given by the pictures in the top left hand corner of each page. Each has the name of a tree/bush, the initial letters of which spelt out Robert Frost.

	ROWAN Williams, Archbishop of Canterbury
	OAK Racing Team
	Cyclists on BOX Hill (during the Olympics)

	John Wood the ELDER (the link between the themes of Wood and Bath)
	Dreamworks headquarters in REDWOOD City
	White TARA Hindu goddess. I didn't accept Teak.
	Diagram of a Finite Impulse Response (FIR) Filter
	RUBBER Ducks decorating the Christmas Tree.
	OLIVE Wreath
H4	Designation of Howard Hughes' SPRUCE Goose, the largest flying boat ever built.
	A bunch of TULIPs (I didn't know there was a Tulip tree either.)

Code

The detailed route to the treasure was coded using a variation on the line/word/letter code. The basis for the code was the poem Stopping By Woods on a Snowy Evening by Robert Frost. The triplets represented (Line, Word, Number of letters from start of word). So for the start of the code:

(7,5,3) line 7, word 5 is Frozen, first three letters are FRO

(15,2,1) line 15, word 2 is Miles, first letter is M

(16,5,1) line 16, word 5 is Before, first letter is B

(10,2,2) line 10, word 2 is Ask, first two letters are AS

(12,2,1) line 12, word is Easy, first letter is E

Hence the code begins: From base...

In some cases all the letters in a word from the poem were used. In these cases the third digit was omitted e.g. (11,3) was "other" used as part of "another"; also found where "l" was used.

Where the whole word in the poem was used as a complete word in the message, then the third digit was omitted and the text was in bold e.g. **(12,1) (1,2)** "of woods".

The main problem with the choice of poem was that there were no words beginning with either C or R. I got round the former by choosing alternative wording (e.g. "seat" rather than "bench") although it meant I had the slightly odd abbreviation of "Log Head Off" for Logica Head Office (i.e. Green Park). For the latter I used the Author's name, so (17,1,1) indicated "R". I put this in italics to make it a bit clearer that it was different. Having done this I chose to use a couple of words/letters from the title, calling this line zero; so **(0,2)** was "By" and (0,7,1) was "E".

Rather than spell out numbers, I just inserted them "in the clear" into the message. As I had the word "miles" available from the poem, I used 0.2841 miles rather than "50 yds" to represent the distance to walk into the woods to find the treasure site. This proved key to one of the first teams to find the treasure.

The full poem, with line numbers, is shown below:

0. Stopping By Woods on a Snowy Evening

1. Whose woods these are I think I know.
2. His house is in the village though;
3. He will not see me stopping here
4. To watch his woods fill up with snow.

5. My little horse must think it queer
6. To stop without a farmhouse near
7. Between the woods and frozen lake
8. The darkest evening of the year.

9. He gives his harness bells a shake
10. To ask if there is some mistake.
11. The only other sound's the sweep
12. Of easy wind and downy flake.

13. The woods are lovely, dark and deep.
14. But I have promises to keep,
15. And miles to go before I sleep,
16. And miles to go before I sleep.

17. *Robert Frost*

Some teams found the poem but didn't manage to spot the third digit defined the number of letters to take from the word. This left them some interpretation to make a meaningful message. A couple of teams interpreted "Log Head Off" as "Logo" relating to the Green Park station logo, rather than via the old head office name.

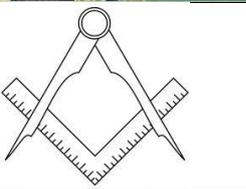
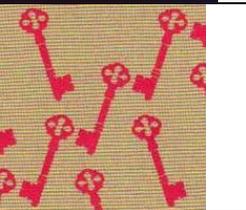
Bath Link - Phonetic Alphabet

A set of pictures representing letters of the NATO Phonetic Alphabet. Inserted into the ATH in reverse order and at random locations on each page. Some teams got this very quickly, others didn't manage to separate them from the other pictures. They spelt out AQUAE SULIS, the Roman name for Bath.

	ALFA Romeo (I missed the fact that ROMEO is also a NATO Phonetic Alphabet character, but it didn't seem to confuse anyone.)
	QUEBEC outline map(another thing that wasn't the CGI question)
	School UNIFORM
	Logo for Christian ALPHA course
	Ship's badge of HMS ECHO
	SIERRA Nevada
	Albanian Army UNIFORM
	Adriana LIMA
	Force INDIA F1 car
	Model of a Ford SIERRA.

Bath Link - Museums

The set of pictures at the top of the final page (excluding the T of Frost) represented museums in Bath. The marks were given for identifying the museums, not the individual pictures.

		Bath Postal Museum (and a nice link to the Wood theme)
		Museum of East Asian Art (this particular image isn't in the museum)
		Theatre Royal and Masonic Museum
		The Building of Bath Museum (John Wood the Elder again. The fact that this was his second appearance was meant to be a clue)
		American Museum (strictly speaking on Claverton Down, but then so is the University and that provided plenty of clues)
		The Jane Austen Centre, on Gay Street between The Circus and Queen Square (part of Wood's key). Picture is a section of the cover of Northanger Abbey, set in Bath.
		Herschel Museum of Astronomy (picture of Uranus, discovered by Herschel from his observatory in Bath).
		No. 1 Royal Crescent: a restored Georgian Town House. The Royals are (L-R) King Abdullah of Jordan, King Carl Gustav, King Don Juan Carlos, Queen Margrethe II, "Queen Elizabeth II", King Letsie III of Lesotho, Prince of Wales, Princess Anne, Prince William. Some teams found a complex meaning behind the individual royals and their position in the crescent. This was all of their own doing.

Bath Link – Start of Route

Each of the people on P2 reportedly lived in The Circus at some point, hence the acorns on their heads as The Circus has stone acorn finials all around the top.

	<p>Clive of India</p>
	<p>John Cleese. Some sources have him as living in The Royal Crescent, but those I saw were mostly of the speculative “celebrity magazine” type. I based his presence in The Circus on http://www.bathspa.ac.uk/international-students/welcome-international-students/famous-bath-residents. I gave the mark for Bath residency in either Circus or Royal Crescent.</p>
	<p>Nicholas Cage</p>
	<p>Thomas Gainsborough</p>
	<p>William Pitt the Elder</p>

The Circus is joined by Gay Street to Queen Square, part of which was designed by John Wood.



represented Queen Square (Andy Warhol picture of Queen Beatrix of the Netherlands.)

Route

In the following section, the decoded message is shown in **red bold**. Pictures are those in the ATH, plus others to help illustrate the route for those who didn't find it. I was looking for specific references to key points on the route in order to award the points e.g. Green Park/Logica Head Office. No points for identifying the pictures on the route unless they were specifically related e.g. nothing for "Wilbur the Norfolk Turkey" but a mark for "Norfolk House".

	<p>From base of Wood's key The combination of The Circus, Gay Street and Queen Square looks like a key when seen from the air.</p>
	<p>Go SW to This monument is on Charles Street, off the "bottom left-hand" corner of Queen Square, on the way to...</p>
	<p>Log Head Off Or Logica Head Office i.e. Green Park (station). The picture is of the symbol of Green Park Station.</p>
<p>http://en.wikipedia.org/wiki/Somerset_and_Dorset_Joint_Railwaywiki/</p>	<p>Take route of answer 52 Answer 52 being Pines Express, which went from Green Park Station, over a bridge, through the Goods Depot, over the GWR line, through the Devonshire Tunnel and into the Combe Down Tunnel...</p>
	<p>Halfway through 2nd tunnel bore up to triangle Fir tree on the triangle in Green Park formed by North Road, The Firs and The Avenue. Whilst studying at Bath University I lived in a flat overlooking this green. There used to be a much larger tree there then.</p>
	<p>Go by North Route Telephone box on the Avenue near the junction with North Road. As far as I can tell, nobody tried to go North rather than along North Road.</p>
	<p>Past rear of woods house Trough of flowers on North Road at the top of Ralph Allen Drive. Wall is rear of Prior Park, designed by John Wood. Flowers were there in August, but not by the time the ATH was held.</p>
	<p>As you walk along North Road you will pass number 116, Clare Cottage (arms of Clare College, Cambridge)...</p>
	<p>...No. 130, Prior Cottage... (Matt Prior, England Wicketkeeper)</p>

	<p>...No. 140, Norfolk House... (Wilbur the Norfolk Turkey)</p>
	<p>...No. 144, Airedale Cottage...</p>
	<p>...and No. 156 Brefni Lodge (Actor Bredon Foster in Murder in Reverse)</p>
	<p>Distinctive porch on North Road, to persuade you to keep going. This is Brefni Lodge. There's a triangular version on Norfolk House too.</p>
  	<p>Enter woods watched by two friends of Pooh Path at entrance to woods. If you look on Google Street view you won't find this, you'll find a picture of a set of public toilets. When I did my reconnaissance trip in August these toilets were closed and the following picture was going to feature: . However when I went to bury the treasure I found that they'd been demolished and the area landscaped as shown in the picture left. The disadvantage of this is that I had to do some re-coding of the route to the treasure (it originally read "enter the woods where you can no longer go"). The advantage of this was that it was a definite benefit to those prepared to make the journey to the treasure site rather than rely on Streetview. The two friends of Pooh were not a scatological reference to the toilets. If you turn Google streetview the other way, you'll find a house with garage. On the flat roof of the garage are a rabbit and an owl. A few teams spotted these (but generally not those that found the treasure at night).</p>
	<p>Follow path with wall on left This is the view of the wall on the left after you've turned the 90 degree right hand bend at the end. It got quite muddy as those who made the trip will testify.</p>
	<p>Keep on over open ground As you enter the clearing, there are two large beech trees with exposed roots ahead of you. One team found a similar black and white picture on the web.</p>
	<p>And enter woods after 2nd seat The two benches in the clearing are similar. It may look like stone, but it's actually carved wood. This is the second bench; the entrance to the woods is just after this.</p>

	<p>0.02841 miles on R Or 50yds to put it another way. This was a way of using the “miles” reference in the poem. I left you to punctuate the route yourselves, which caused some teams to expect to enter the woods 50 yds after the bench. I thought this was a fairly distinctive tree. The treasure is hidden on the slope behind it...</p>
	<p>Treasure is under log behind tree ...under this log (which is sort of Logica L-shaped.)</p>

Wood Links

Pages 3-11 each featured a set of pictures with a “Wood” theme. Taking the initial letters spelt out the name of a tree. The wooden number showed which letter from the tree to take. Taking these in the alphabetical order of the Bath University Accommodation solutions spelt out Combe Down (treasure location). Only a couple of teams spotted this, but many more found it a simple anagram to resolve.

Page 3

	<p>Brassie (old name for a no.2 wood). This clue was harder than intended as in my eagerness to select a picture that didn't include “Brassie” in the description; I selected one without a “2” marking on it.</p>
	<p>Eldrick Wood (Tiger's real name)</p>
	<p>Elle Wood (character from Legally Blonde)</p>
	<p>Chris Wood (one of the many, but thought I'd continue the golf theme on this page)</p>
	<p>Sir Henry Wood (founder of the Proms)</p>
	<p>BEECH</p>

	<p>Detail from Woods of Chaos by Rob Costlow</p>
	<p>Oakwood clock (in Leeds)</p>
	<p>Norwegian Wood (book cover, title removed)</p>
	<p>Fists of Ironwood</p>
	<p>Fleetwood Mac album (Bare Trees)</p>
	<p>Ed Wood</p>
	<p>Roundwood Tree Primary School</p>
	<p>CONIFER; okay it's not really a definitive tree name, but I so liked the Fleetwood Mac Bare Trees clue that I was determined to use an F somewhere.</p>

	<p>Redwood, title of the Mentalist episode; this defeated quite a few teams.</p>
	<p>Ollie Wood skatepark</p>
	<p>Wild Wood Salad ("The Scuba Tape" album)</p>

	Alexander Wood, inventor of the hypodermic syringe
	Shifty Adventures in Nookie Wood by John Cale
	ROWAN

Page 6

	Brian Wood, illustrator of DMZ series
	Ironwood Industries fish trivet
	RoyalWood ("Milkweed" album)
	Chris Wood (another one)
	(Rachel) Hurd-Wood (in Peter Pan)
	BIRCH

	<p>Michaelwood Service Station (on the M5.) With a name like that I had to find a place for it somewhere 😊</p>
	<p>Arthur Wood (composer of the Archer's Theme, "Barwick Green")</p>
	<p>Peacock Wood (album) by the Reliques</p>
	<p>Lana Wood (actress, Natalie Wood's sister, starred in Diamonds are Forever)</p>
	<p>(Merc) Edgewood Paisley Cravat</p>
	<p>MAPLE</p>

	<p>Oliver Wood (Harry Potter Quidditch)</p>
	<p>Angela Wood ("Knock on Wood" album)</p>
	<p>Keith Wood (former hooker i.e. no.2 for Ireland)</p>
	<p>OAK</p>

	<p>Dark Wood (David Darling album)</p>
	<p>Oscar Wood Jig</p>
	<p>Victoria Wood (doing her Margaret Mountford impression)</p>
	<p>Edward Wood (Earl of Halifax). If you're up near Leeds, then a visit to the ancestral seat at Temple Newsom is well worth it.</p>
	<p>DOVE</p>

	<p>Phil Wood (bit of bike)</p>
	<p>Elijah Wood (trying hard to hide his distinctive eyes)</p>
	<p>Chris Wood Trio (last entry for Chris...)</p>
	<p>Arthur Wood china</p>
	<p>Norwegian Wood (okay, it's the second one, but they were both such good pictures.) No points for just identifying the individual pictures, you had to spot that they'd been combined into this poster for a competition.</p>
	<p>PECAN</p>

	Wychwood Brewery, GoliATH ale
	Ironwood Tree (from Spiderwick Chronicles)
	Leonard Wood, Chief of Staff of US Army, Governor of Cuba
	Lily Wood and the Prick (album)
	Sir Lance Oakwood
	Wild Wood (Paul Weller album)
	WILLOW

Bath Link – Anagrams

The anagrams were all of Bath University accommodation blocks. I considered making it harder by removing Eastwood and Westwood, but I liked the clue in the Westwood one. These were easy.

On who does our...?	Norwood House
..as we do to..	Eastwood
Odd wart uncool	Woodland Court
Burn Turn Code	Brendon Court
Tour our March Blog	Marlborough Court
Truss by colour...	Solsbury Court
...not per cloud	Polden Court
O he rubs one so!	Osborne House
Do we swot?	Westwood

Bath Link – Elements

The number sequences represented bits of Bath written out using the Chemical Element symbols, represented by their atomic number. Those in italics were to be reversed. There was no significance to those on page 5 being vertical, it was just for artistic effect. These were much harder; only five teams managed to solve these, making them key to getting a good overall score.

4 58 2 112 3 9 9 Be eC He nC Li F F
42 8 103 11 110 Mo O rL aN Ds
74 53 48 42 4 W I dC oM Be
57 7 110 8 74 7 La N sD O W N
56 90 95 78 102 Ba Th Am Pt oN
15 71 52 10 39 P uL Te Ne Y
90 58 77 29 16 Th eC Ir Cu S
6 42 4 91 36 C oM Be Pa rK
5 85 1 56 4 39 B At H aB Be Y
3 10 18 15 18 19 Li Ne Ar P Ar K
2 7 77 52 73 91 36 He N rl eT Ta Pa rK
74 99 69 8 75 57 60 W Es Tm O Re La Nd