

Appendix A. Tips and sundry information sources checklist

Y	N	Item	Comment or details
		Instructions (exact)	<ul style="list-style-type: none"> Print off this document Print off all the maps provided, see Appendix C below, these include directions, (click the links) or load onto your portable GPS device Make your own plan from the addresses provided Use clear plastic sleeve files, they're good to protect your instructions from the elements whilst out on the trail.
		Instructions (general aids)	<p>Printed maps may be obtained from:</p> <ul style="list-style-type: none"> Automobile Association http://www.aa.co.nz/travel/travelling-in-new-zealand/Pages/default.aspx http://www.wellingtonzoo.com/visitor_information/essentials/maps_guides Hotels or accommodation venues, or I-sites <p>Set up the addresses on your iPad, or your preferred GPS navigational device.</p>
		About sundials	<p>Newbies might wish to learn about sundials from:</p> <ul style="list-style-type: none"> British Sundial Society http://www.sundialsoc.org.uk/weblinks.htm Sundials on the Internet http://www.sundials.co.uk/ Sundial Association New Zealand http://www.sundials.org.nz/ - ask us for help Google key word searching.
		Brass rubbing	<p>Learn about brass rubbing</p> <ul style="list-style-type: none"> http://en.wikipedia.org/wiki/Brass_rubbing <p>Get set up</p> <ul style="list-style-type: none"> Locate your local art materials supplier they will have, or can get in, butchers paper, graphite, wax or chalk, blue tac etc. <p>There is one dial face (#2 Clyde Quay Reserve Sundial) that could be good for making a rubbing; it has interesting locations marked on it and a map of Wellington Harbour (Port Nicholson).</p>
		Time	<p>Check to see if daylight saving applies</p> <p>http://www.dia.govt.nz/diawebsite.nsf/wpg_URL/Services-Daylight-Saving-Index?OpenDocument</p>
		Obtain	<p>Permission to go to</p> <ul style="list-style-type: none"> Samuel Marsden Collegiate School http://www.marsden.school.nz/contact <p>Check if the sundial is reinstated in situ</p> <ul style="list-style-type: none"> Wellington Zoo wellingtonzoo@wellingtonzoo.com Find out entry fee.
		Camera equipment	<p>Additional</p> <ul style="list-style-type: none"> fully charged battery and empty chip protective case, it could be wet.
		Personal protection	<ul style="list-style-type: none"> Sturdy shoes or sandals are essential as the trail includes flat and hilly surfaces Rain coat and hat or hooded wind breaker (weather can be changeable) Sun hat and glasses.

Appendix A. Tips and sundry information sources checklist

Y	N	Item	Comment or details
		Towel and cleaning materials	<p>Be prepared to</p> <ul style="list-style-type: none"> • dry the sundial face plate as it could be a wet • wash and remove guano, there are a few seagulls and pigeons around <p>Note: never try and remove moulds and lichen as this is a specialist's job.</p> <p>Bring</p> <ul style="list-style-type: none"> • Liquid natural soap and water made up in a bottle (never use an abrasive on a sundial face it will cause damage), • disposable gloves • Towels e.g. old cloth one or paper towelling • Plastic bags for rubbish.
		Sustenance	<p>To ensure you don't get weary due to dehydration or low in blood sugar</p> <ul style="list-style-type: none"> • water bottle • picnic or snacks • pocket knife.
		Pack	<p>To store your bits and pieces in</p> <ul style="list-style-type: none"> • a light day back pack is ideal to wear • hand bag or case.
		Note book and writing instruments	<p>You never know what you might want to make a note of and our guess is you'll</p> <ul style="list-style-type: none"> • meet others and maybe exchange notes • want to jot down a reminder if a sundial needs attention to report to the maintenance authority • record pertinent details, though we usually photograph these • Or bring your iPhone or iPad
		Measuring instruments	<ul style="list-style-type: none"> • Tape measure • Compass • Watch, just in case it isn't sunny and you are checking the times including travel times • GPS device and or your mobile phone iPad.
		Money	<p>For:</p> <ul style="list-style-type: none"> • refreshments, there are markets, cafes, restaurants, dairies and bars which we feel you may not be able to resist patronising • cable car fare • metered car parking – coins are best • entry to Zoo if the sundial is back on view.
		Feedback	<p>We'd love to hear how your day out went:</p> <p>info@sundials.org.nz or via the expression of interest form http://www.sundial.org.nz/</p>
		Other New Zealand Sundial Trails	<p>Caught the bug and wanting to do other NZ sundials trails?</p> <ul style="list-style-type: none"> • http://www.sundials.co.uk/~timaru.htm • http://www.sundials.co.uk/pix/TimaruSundialTrail.pdf • http://www.sundials.co.uk/#trails2 • Contact Rosaleen Robertson http://www.sundial.org.nz/ or info@sundails.org.nz for information about sundial locations to visit and or assistance if you are keen to put together a new sundial trail.

Appendix B. References

1	http://en.wikipedia.org/wiki/New_Zealand
2	http://www.rugbyworldcup.com/
3	http://tvnz.co.nz/travel-news/new-zealand-top-destination-in-2011-3988794
3	http://wellington.scoop.co.nz/?p=28997
5	http://www.sundials.co.uk/
6	http://www.sundialsoc.org.uk/
7	http://twitter.com/Sundialophile
8	http://www.nz-immigration.co.nz/lifestyle/slang-words.html
9	http://www.dia.govt.nz/diawebsite.nsf/wpg_URL/Services-Daylight-Saving-Index
10	http://www.sundials.org.nz/
11	http://en.wikipedia.org/wiki/Frank_Kitts
12	http://paperspast.natlib.govt.nz/cgi-bin/paperspast?a=d&d=EP19401211.2.25&l=mi&e=-----10--261----0%22named+after%22+and+ship--
12	Daniel, C.StJ.H. Sundials, 2004 pp 14-19
13	http://www.historic.org.nz/TheRegister/RegisterSearch/RegisterResults.aspx?RID=3634
14	http://en.wikipedia.org/wiki/Former_National_Bank_of_New_Zealand_Building
15	http://memorials.friendswbq.org.nz/?option=browse-category&from=200
16	http://www.wellingtoncablecar.co.nz/index.php?id=1383 or http://www.cablecarmuseum.co.nz/contact-us
17	http://www.wellington.govt.nz/services/gardens/botanicgardens/pdfs/botanicmap.pdf
18	http://www.wellington.govt.nz/services/arts/publicart/gallery.php?type=memorial&page=1
19	http://sundials-rosaleen.blogspot.com/2008/05/2-herb-garden-sundial-wellington.html
20	http://digital.library.upenn.edu/women/gatty/sundials/408-150.jpeg
21	http://www.pcc.govt.nz/Visiting/Activities-and-Attractions/Sundial
22	Bateman, D. via email January 2011
23	http://www.marsden.school.nz/contact
24	http://www.wellington.govt.nz/services/arts/publicart/gallery.php?type=memorial&page=1
25	wellingtonzoo@wellingtonzoo.com
26	http://www.historic.org.nz/TheRegister/RegisterSearch/RegisterResults.aspx?RID=1543&m=advanced ,
27	Daniel, C. Clocks, The Sundial Page, Troubled times. Vol 20/8 8 August 199.p 28.
Appendix A	See Appendix A for other contacts or applicable references

Reference number	Clickable links for Google Maps an instructions
<p># 0 Bird's eye view</p>	<p>All the sundials and portals to Wellington City -Porirua City, Petone, Lower Hutt and Picton</p> <p>NOTE: if <i>this link is broken please type into Google Maps as follows -</i> <i>Frank+Kitts+Park,+Wellington+Central,+Wellington</i> <i>to:Herd+Street,+Oriental+Bay,+Wellington</i> <i>to:Logan+Brown+Restaurant,+Cuba+Street,+Wellington+</i> <i>toCarter+Observatory,+Wellington+</i> <i>to:Botanic+Garden+Wellington+</i> <i>to:Bracken+Street,+Petone,+Wellington+</i> <i>to:Parumoana+Street,+Porirua+Central,+Wellington+</i> <i>to:Samuel+Marsden+Collegiate+School,+Karori,+Wellington+</i> <i>to:Karori+Cemetery+Office,+Karori,+Wellington+to:New+Zealand+</i> <i>to:(Wellington+Zoo+--+Daniell+Street)+</i> <i>to:Picton,+Marlborough</i></p> <p>http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Frank+Kitts+Park,+Wellington+Central,+Wellington&daddr=Herd+Street,+Oriental+Bay,+Wellington+to:Logan+Brown+Restaurant,+Cuba+Street,+Wellington+to:Carter+Observatory,+Wellington+to:Botanic+Garden+Wellington+to:Bracken+Street,+Petone,+Wellington+to:Parumoana+Street,+Porirua+Central,+Wellington+to:Samuel+Marsden+Collegiate+School,+Karori,+Wellington+to:Karori+Cemetery+Office,+Karori,+Wellington+to:New+Zealand+(Wellington+Zoo+--+Daniell+Street)+to:Picton,+Marlborough&hl=en&geocode=FS0Civ0d_-lqCiHwq50kYu8ADw%3BFQ3wif0dygdrCinPqoWpz684bTFKHrxbfKi7pQ%3BFe_jif0dY9lqCiEK0fji2FUCRA%3BFRcNiv0d-LtqCiF1fJC8GxCq3Q%3BFaQRiv0dZL1qCiEQq50kYu8ADw%3BFfr8iv0dLaxsCinxjA9Qsas4bTH4pJlvLwC0Bg%3BFV5gjP0ds9xrCinZ0DPqc1M_bTHznQP4J1UGkA%3BFfwNiv0dwGFqCiHv3rmMuoHi3Q%3BFXEcv0d4X1qCiFf28kwJrAcVg%3BFWWFif0dwf5qCiEabhJX6Dnf3A%3BFZ_0if0dbAtfCikFONSk6iY5bTFgoXmEhu8ABQ&mra=ls&sll=-41.225758,174.819061&sspn=0.358409,0.4422&ie=UTF8&z=9</p>
<p># 1 Frank Kitts Memorial Sundial</p>	<p>Starting point and the Sundials Trail Hub</p> <p>http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Frank+Kitts+Park,+Wellington,+6011&daddr=&geocode=FS0Civ0d_-lqCiHwq50kYu8ADw&hl=en&mra=ls&sll=-41.287123,174.778879&sspn=0.044759,0.055275&ie=UTF8&z=14</p>
<p># 2 Sundial Clyde Quay Boat Harbour, Oriental Parade</p>	<p>2.1 Walking</p> <p>http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Frank+Kitts+Park,+Wellington+Central,+Wellington&daddr=Unknown+road&hl=en&geocode=FS0Civ0d_-lqCiHwq50kYu8ADw%3BFZ_0if0dpQNrCg&mra=ls&dirflg=w&sll=-41.289465,174&sspn=0.005595,0.006909&ie=UTF8&z=17</p> <p>2.2 Driving</p> <p>http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Frank+Kitts+Park,+Wellington+Central,+Wellington&daddr=Herd+St&geocode=FS0Civ0d_-lqCiHwq50kYu8ADw%3BFcbzif0d7gVrCg&hl=en&mra=ls&sll=-41.289835,174.782374&sspn=0.011189,0.013819&ie=UTF8&z=16</p>

Reference number	Clickable links for Google Maps an instructions
<p># 3 National Bank Sundial Cuba Street</p>	<p>3.1 Walking http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Herd+Street,+Oriental+Bay,+Wellington&daddr=192+Cuba+Street,+Te+Aro,+Wellington&geocode=FQ3wif0dygdrCinPqoWpz684bTFKHrxbfki7pQ%3BFsjkif0dYdlqCil7j_Zn2K84bTH9tnSUCzFgiA&hl=en&mra=ls&dirflg=w&sll=-41.293865,174.78066&sspn=0.011189,0.013819&ie=UTF8&z=16</p> <p>3.2 Driving http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Herd+Street,+Oriental+Bay,+Wellington&daddr=192+Cuba+Street,+Te+Aro,+Wellington&geocode=FQ3wif0dygdrCinPqoWpz684bTFKHrxbfki7pQ%3BFsjkif0dYdlqCil7j_Zn2K84bTH9tnSUCzFgiA&hl=en&mra=itm&sll=-41.293865,174.78066&sspn=0.011189,0.013819&ie=UTF8&ll=-41.294043,174.780293&spn=0.011189,0.013819&z=16</p>
<p># 4 Sundial of Human Involvement Botanic Garden</p>	<p>4.1.1.1 Walking via cable car http://maps.google.co.nz/maps?f=d&source=s_d&saddr=192+Cuba+Street,+Te+Aro,+Wellington&daddr=280+Lambton+Quay,+Wellington+Central,+Wellington&geocode=FSjkif0dYdlqCil7j_Zn2K84bTH9tnSUCzFgiA%3BFY0Niv0dSttqCiltzUW1a84bTFKZMEW7kTFpw&hl=en&mra=ls&dirflg=w&sll=-41.289545,174.77579&sspn=0.011189,0.013819&ie=UTF8&ll=-41.289545,174.775786&spn=0.022379,0.027637&z=15</p> <p>4.1.1.2 Cable car route <i>(problem with Google maps – please click onto the train symbol to get cable car route and de-select driving instruction – you may need to ‘add a destination = add Cable car museum and then click the middle icon to get cable car data, or try this: http://www.cablecarmuseum.co.nz/contact-us)</i></p> <p>http://maps.google.co.nz/maps?f=d&source=s_d&saddr=192+Cuba+Street,+Te+Aro,+Wellington&daddr=280+Lambton+Quay,+Wellington+Central,+Wellington&geocode=FSjkif0dYdlqCil7j_Zn2K84bTH9tnSUCzFgiA%3BFY0Niv0dSttqCiltzUW1a84bTFKZMEW7kTFpw&hl=en&mra=itm&dirflg=r&ttype=dep&date=31%2F01%2F11&time=22:46&noexp=0&noal=0&sort=def&sll=-41.289545,174.775765&sspn=0.011189,0.013819&ie=UTF8&z=15&start=0</p> <p>4.1.2 Walking up hill http://maps.google.co.nz/maps?f=d&source=s_d&saddr=192+Cuba+Street,+Te+Aro,+Wellington&daddr=Carter+Observatory,+Salamanca+Road,+Wellington&geocode=FSjkif0dYdlqCil7j_Zn2K84bTH9tnSUCzFgiA%3BFRcNiv0d-LtqCiF1fJC8GxCq3Q&hl=en&mra=itm&dirflg=w&sll=-41.289655,174.771295&sspn=0.011189,0.013819&ie=UTF8&z=16</p> <p>4.2 Driving (as above) http://maps.google.co.nz/maps?f=d&source=s_d&saddr=192+Cuba+Street,+Te+Aro,+Wellington&daddr=Carter+Observatory,+Salamanca+Road,+Wellington&geocode=FSjkif0dYdlqCil7j_Zn2K84bTH9tnSUCzFgiA%3BFRcNiv0d-LtqCiF1fJC8GxCq3Q&hl=en&mra=itm&dirflg=w&sll=-41.289655,174.771295&sspn=0.011189,0.013819&ie=UTF8&z=16</p> <p>4.3 The Botanic Garden Map http://www.wellington.govt.nz/services/gardens/botanicgardens/pdfs/botanicmap.pdf</p>

Appendix C. Maps and instructions provided by clickable links to Google Maps Page 3 of 4

Reference number	Clickable links for Google Maps an instructions
<p># 5 Centennial Sundial Sound Shell Botanic Garden</p>	<p>5.1 Walking The Botanic Garden Map http://www.wellington.govt.nz/services/gardens/botanicgardens/pdfs/botanicmap.pdf</p> <p>5.2 Driving http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Carter+Observatory,+Wellington&daddr=101+Glenmore+Street,+Kelburn,+Wellington&geocode=FRcNiv0d-LtqCiF1fJC8GxCq3Q%3BFc0Ziv0d4cJqCimzUTeX1LE4bTH6igQdFgDmFg&hl=en&mra=ls&sll=-41.283934,174.767075&sspn=0.021832,0.038495&ie=UTF8&ll=-41.28495,174.76229&spn=0.011319,0.019248&z=16</p>
<p>#6 Herb Garden Sundial Botanic Garden</p>	<p>Walking The Botanic Garden Map http://www.wellington.govt.nz/services/gardens/botanicgardens/pdfs/botanicmap.pdf</p>
<p># 7 Bracken Street Petone Te Omanga Sundial</p>	<p>Driving http://maps.google.co.nz/maps?f=d&source=s_d&saddr=101+Glenmore+Street,+Kelburn,+Wellington&daddr=Bracken+Street,+Petone,+Wellington&geocode=Fc0Ziv0d4cJqCimzUTeX1LE4bTH6igQdFgDmFg%3BFfr8iv0dLaxsCinxjA9Qsas4bTH4pJlvLwC0Bg&hl=en&mra=ls&sll=-41.249995,174.830845&sspn=0.179138,0.2211&ie=UTF8&z=12</p>
<p>#8 Poirua Sundial</p>	<p>7.1 Driving from Petone to Poirua http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Bracken+Street,+Petone,+Wellington&daddr=Parumoana+Street,+Porirua+Central,+Wellington&hl=en&geocode=Ffr8iv0dLaxsCinxjA9Qsas4bTH4pJlvLwC0Bg%3BFV5gjP0ds9xrCinZ0DPqc1M_bTHznQP4J1UGkA&mra=ls&sll=-41.292494,174.773235&sspn=0.358044,0.4422&g=Wellington&ie=UTF8&z=12</p> <p># 7.2 Driving street detail Poirua http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Parumoana+Street,+Porirua+Central,+Wellington&daddr=Norrie+St&geocode=FV5gjP0ds9xrCinZ0DPqc1M_bTHznQP4J1UGkA%3BFSRijP0dD9lrCg&hl=en&mra=dme&mr-cr=0&mr-sp=1&sz=19&sll=-41.132035,174.84037&sspn=0.001402,0.001727&ie=UTF8&z=19</p>
<p># 9 Samuel Marsden Collegiate School</p>	<p>Driving Parumoana Street Poirua to Samuel Marsden Collegiate School Karori http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Parumoana+Street,+Porirua+Central,+Wellington&daddr=Samuel+Marsden+Collegiate+School,+Karori,+Wellington&geocode=FV5gjP0ds9xrCinZ0DPqc1M_bTHznQP4J1UGkA%3BFfwNiv0dwGFqCiHv3rmMuoHi3Q&hl=en&mra=ls&sll=-19.711863,-124.536489&sspn=151.26038,226.40625&ie=UTF8&z=12</p>
<p># 10 Matthew Holmes Memorial Sunial</p>	<p>Driving http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Samuel+Marsden+Collegiate+School,+Wellington&daddr=Karori+Cemetery+Office,+Karori,+Wellington&hl=en&geocode=FfwNiv0dwGFqCiHv3rmMuoHi3Q%3BFXEciv0d4X1qCiFf28kwJrAcVg&mra=ls&sll=-41.2841,174.744&sspn=0.011319,0.019248&ie=UTF8&z=17</p>

Reference number	Clickable links for Google Maps an instructions
<p># 11 Memorial Sundial Zoo</p>	<p>Driving from Karori Cemetery Office to Wellington Zoo http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Karori+Cemetery+Office,+Karori,+Wellington&daddr=New+Zealand+(Wellington+Zoo+-+Daniell+Street)&geocode=FXEiv0d4X1qCiFf28kwJrAcVg%3BFWWFif0dwf5qCiEabhJX6Dnf3A&hl=en&mra=pd&mrcr=0&sll=-41.299989,174.841039&sspn=0.179001,0.22111&ie=UTF8&z=14</p>
<p># 12 Holy Trinity Church Picton</p>	<p>Driving between Picton and the Frank Kitts Memorial Sundial</p> <p>12.1 Driving Picton</p> <p>http://maps.google.co.nz/maps?f=d&source=s_d&saddr=38+York+Street,+Picton+7220+(Holy+Trinity+Anglican+Church)&daddr=Interisland+Ferry+terminal+++Picton&geocode=FeLiif0dnhBfCiEjzTkjO4Gr6Q%3BFcsKiv0deBtfCiEr3-5wGRmvZg&hl=en&mra=pd&mrcr=0&sll=-41.312505,173.593427&sspn=0.71586,0.884399&ie=UTF8&ll=-41.290125,174.003954&spn=0.022378,0.027637&z=15</p> <p>12.2 Driving to Frank Kitts Memorial Sundial</p> <p>http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Interislander+Ferry+Terminal,+Wellington&daddr=Frank+Kitts+Park,+Wellington+Central,+Wellington&hl=en&geocode=FdZaiv0duAlrCimt79yZPa44bTFZ4Ke71eW9iw%3BFs0Civ0d_-lqCiHwq50kYu8ADw&mra=ls&sll=-41.263356,174.395599&sspn=0.698861,1.231842&ie=UTF8&ll=-41.276,174.783382&spn=0.045283,0.07699&z=14</p>

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