

CW 004 - GENERIC LAND BASED SITES

Risk Assessment Number S01-RA-00033

Assessor: Mike Murphy Assessed On: 16-Mar-2021
Approver: Alex Collins Approved On: 20-Apr-2021

Status: Live

Department: Communities & Wildlife

Details: Includes: Woodland, meadow, heathland, near streams and ponds.

For volunteers, forest school, outreach, nature tots, wildlife watch, wildlife rangers and youth rangers

	Identified Risk			Residual Risk				
Item	Hazard Identification	Hazard Potential & Consequences	People at Risk	Risk	In	Control Measures	Residual	
No.					Place		Risk	
1	Vehicle Collision, car park, roads	Major Injury, Death	SWT Staff	Medium	Y	Supervise participants in car park and driveway, Hi-vis to be worn	Low Risk	
	and tracks	Cuts, bruises, fractures, crush	Volunteers	Risk		by leader if appropriate (7SCP road crossing, WM car park), walk		
	Vehicle collision with pedstrian	injuries, death	School groups			on pavements. Use road crossings where appropriate.	5	
			(adults and	10	Y	Group leader to brief participants on high risk areas on arrival		
			children),			and before moving away from car parks		
			Children and		ΙΥ	7SCP – large school groups: high vis and spotters on A259.		
			accompanying					
			adults					
2	Slips, trips and falls	Minor to Major Injuries	SWT Staff	Medium	Y	Suitable footwear for weather/ground conditions. Boots and	Low Risk	
	On debris, mud, tree roots, animal	Cuts, bruises, fractures	Volunteers	Risk	ļ	wellies provide ankle support, recommended. Suitable tread on		
	holes, uneven ground.		School groups			soles.	4	
			(adults and	8	Y	If possible; On the day site inspection by group leader before		
			children),			group arrives. Check ground condition and site specific hazards.		
			Children and		ļ	Tape off/raise awareness of new/increase hazards.		
			accompanying		ŀ			
3	Bacterial Infection	Infection, Weill's Disease	adults SWT staff	Low Risk	V	Warn about Weil's disease and the risk of infection. Do not	Low Risk	
3	Disease from leaf litter, water	Infection, Major Illness	Volunteers	LOW RISK	ľ		LOW RISK	
	bodies	Infection, Major filless	School groups	6		expose fresh cuts to water and soil; cover cuts with waterproof plasters.	3	
	bodies		(adults and	0	\vdash_{\vee}	Ensure hand washing equipment / hand gel is available,	3	
			children),		l '	especially before eating		
			Children and			especially before eating		
			accompanying					
			adults					
4	Poisoning from Fungi	Illness and possibly death	SWT Staff	Medium	Υ	Advise not to touch or taste any fungi.	Low Risk	
	Vomiting, paralysis, major organ	Ingestion of toxin	Volunteers	Risk	Ý	Hand washing facilities available. Ensure anyone who touches	-	
	failure, death	3	School groups		1	fungi washes there hands before eating.	5	



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Item	Hazard Identification	Hazard Potential & Consequences	People at Risk	Risk	In	Control Measures	Residual
No.					Place		Risk
			(adults and	10			
			children),				
			Children and				
			accompanying				
			adults				
5	Poisonous plants and berries	Minor/Major Illness, Death	SWT Staff	Medium	Y	Raise awareness of thorns and less obvious toxic or harmful	Low Risk
	including Arum Lilies, bracken.	Ingestion of toxin, ingestion of	Volunteers	Risk		plants like bracken and giant hog weed.	
	Thorns including blackthorn. Photo	carcinogen, scarring	School groups		Y	If tasting edible berries such as blackberries ensure group are	5
	toxic sap including giant hog weed.		(adults and	10		able to identify (consider the learner's abilities) â€" you may	
	Vomiting, illness, allergic reaction,		children),			need to check all collected berries before tasting. Consider	
	photo-sensitive rash		Children and			accompanying staff.	
			accompanying		Y	Picking blackberries or nettle leaves for consumption only as part	
			adults			of an organised activity where leaders can check plants / berries/	
			011/201/4		.,,	nuts	
6	Dog attacks	Minor/First Aid Injury	SWT Staff	Low Risk	Y	Share strategies with group to help manage a dog situation. For	Very Low
	Stress, dog bites	Cuts, Bruises, Puncture wounds	Volunteers			example: place hands on shoulders and look away from dog.	Risk
			School groups	4		Stay calm, no running or calling to excite dog.	
			(adults and		Y	Ask owner to keep dog under control.	2
			children),		ΙÝ	Report regular incidents of dogs not under control to local	
			Children and			authority community/dog wardens and keep records to raise	
			accompanying			awareness to other staff.	
7	Livestock a	Major Injuny dooth	adults SWT Staff	Medium	Υ	Take advise from any signed and change the half a view of the	Low Risk
'	1	Major Injury, death	Volunteers	Risk	Y	Take advice from any signage and observe the behaviour of the	LOW RISK
	Being chased and trampled by livestock	Cuts, bruises, goring, crush injuries,		KISK	N	livestock Avoid walking a large group of people through the middle of a	5
	IIVESTOCK	death	School groups	10	IN	Avoid walking a large group of people through the middle of a	5
			(adults and	10		herd - walk around the herd and leave space for cattle and	
			children),			horses to move away from group.	



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	Identified Risk				Residual Risk				
Item	Hazard Identification	Hazard Potential & Consequences	People at Risk	Risk	In	Control Measures	Residual		
No.					Place		Risk		
			Children and		N	Avoid walking through cattle with calves, or through a field with a			
			accompanying			lone bull.			
			adults		N	If concerned, find another route.			
8	Adder bites and insect stings (bee	Illness, Death	SWT Staff	Medium	N	Raise awareness of possible locations of adder sites, wasp,	Low Risk		
	and wasp)	Anaphylactic shock, Death	Volunteers	Risk		hornet and bee nests.			
	Anaphylaxis		School groups		N	Any allergies of volunteers known through volunteer registration	5		
			(adults and	10		forms and group leader to check they are carrying medication.			
			children),		N	Accompanying school / nursery staff should know location of			
			Children and			medication if required for individual participants. Check			
			accompanying			accompanying school/nursery staff have epi pens and group			
			adults			allergy information to hand.			
9	Ticks and Lymes disease	Major Illness	SWT Staff	Medium	N	Raise awareness especially in peak summer time. Issue SWT	Low Risk		
	Bites, infection	Bacterial infection, long-term illness	Volunteers	Risk		Tick Leaflet (attached)			
			School groups		N	Long trousers and closed toe shoes recommended. Advise:	4		
			(adults and	8		check body at home. Follow NHS advise re: removal and			
			children),			monitoring https://www.nhs.uk/conditions/lyme-disease/			
			Children and		N	Tick removal tweezers included in 1st aid kit.			
			accompanying						
10	Nottles and byombles	Minor Injune	adults	Law Diale	NI NI	Deign suggested & C# loop suggested to a more of violations	Vanut au		
10	Nettles and brambles	Minor Injury	SWT Staff	Low Risk	N	Raise awareness – less experienced learners/ volunteers.	Very Low		
	Cuts, scratches and stings	Infection	Volunteers	3			Risk		
			School groups	3			2		
			(adults and						
			children), Children and						
			accompanying						
			adults						



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	Identified Risk				Residual Risk			
Item	Hazard Identification	Hazard Potential & Consequences	People at Risk	Risk	In	Control Measures	Residual	
No.					Place		Risk	
11	Wet boardwalks	Minor/Major Injury	SWT Staff	Medium	Y	Raise awareness re wet board walks and steps. Weather	Low Risk	
	Slips, trips and falls	Brises, sprains and fractures	Volunteers	Risk		conditions and group dynamic will determine level of advice.		
			School groups		Y	Ensure that participants are wearing suitable footwear, with good	4	
			(adults and	8		grip on the sole, at teh start of the activity.		
			children),		Y	Inform site manager / owner. Cover boards with non-slip surface		
			Children and			e.g. chicken wire		
			accompanying					
			adults					
12	Falling into shallow stream, rivers	Drowning	SWT Staff	Medium	N	Raise awareness and ensure supervision of participants near	Low Risk	
	pond, lake	Injury, Death	Volunteers	Risk		bodies of water if they are exploring/working in shallow water or	_	
	Injury, Drowning		School groups			nearby deeper features such as ponds and rivers	5	
			(adults and	10	N	Participants not to be left alone near open water. Volunteers		
			children),			working in pairs so they always have a spotter/buddy.		
			Children and		N	Carry throw line near rivers and lakes, to enable a rescue of a		
			accompanying			person who has fallen in the water.		
40	I am bassabas and information	Outs south as a superior de	adults		N.	Description of the bound of the set of the s	L Diele	
13	Low branches - eye injury, cut /	Cuts, scratches, puncture wounds	SWT Staff	Medium	N	Remove low, pointy branches in areas of high activity e.g. around	Low Risk	
	scratch to face	Infection, illness, death	Volunteers	Risk	NI.	fire circle or busy footpaths.		
	Impact from collision with branches		School groups		N	Safety goggles provided For volunteers working in dense scrub	4	
			(adults and	8		or where eye level branches/thorns may be concealed.		
			children), Children and		ļ			
					ļ			
			accompanying adults		-			
14	Barbed wire	Minor/First Aid Injury	SWT Staff	Low Risk	N	Raise awareness. Highlight if hidden in a regularly used site and	Very Low	
'4	Cuts, puncture wounds, infection	Cuts, puncture wounds, infection -	Volunteers	LOW KISK	l IN	ensure that participants keep away from barbed wire.	Risk	
	Cuts, puricture wourids, infection	Tetanus	School groups	4	N	Remove wire, if possible.	IXISK	
		I Glarius	Tochlool groups	7	IN	Ivernove wire, ii possible.		



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No.					Place		Risk		
			(adults and				2		
			children),						
			Children and						
			accompanying						
			adults						
15	Rubbish on site including sharps	Cuts and grazes, Injury, bacterial	SWT Staff	Low Risk	N	Visual inspection on arrival. Remove if possible.	Low Risk		
	and faeces	infection	Volunteers		N	If removal is not possible, move activity area away from sharp			
	Injury, bacterial infection	Illness	School groups	6		objects or faeces.	3		
			(adults and		N	Handwashing or hand gel available in event of faeces			
			children),			contamination			
			Children and		N	Sharps box might be needed in some more public locations			
			accompanying						
			adults						
16	Hazardous Operations :	Major Injury, Death	SWT Staff	Medium	N	Communicate with land managers and contractors and plan	Low Risk		
	Contractors/rangers on site.	Cuts, bruises, hearing loss,	Volunteers	Risk		activities accordingly, to avoid conflict with hazardous operations.			
	Injuries from machinery, vehicles,	fractures, crush injuries, puncture	School groups		N	Keep at least 2 tree lengths away from tree works	5		
	tree felling and strimmer.	wounds, death	(adults and	10	N	Avoid site if required / cancel session if no alternative			
			children),						
			Children and						
			accompanying						
			adults						
17	Activities near Cliffs	Major Injury/Death	SWT Staff	Medium	N	Raise awareness. Stay at least 5 meters away from Cliff or	Low Risk		
	Falling from cliff/quarry edge Under	Cuts, bruises, fractures, crush	Volunteers	Risk	L	quarry edge.	_		
	cliffs " rock fall and cliff collapse	injuries, death	School groups	40	N	When working below cliffs, stay beyond cliff-height away from	5		
			(adults and	10		base of cliffs.			
			children),						
			Children and						



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Hazards and Controls:

	Identified Risk			Residual Risk			
Item	Hazard Identification	Hazard Potential & Consequences	People at Risk	Risk	In	Control Measures	Residual
No.					Place		Risk
			accompanying adults		,		
18	High winds and falling branches	Major Injury or Death	SWT Staff	Medium	N	Cancel event if High/ Gale Force winds are forecast. Observe	Low Risk
	Injury through being struck by	Cuts, bruises, fractures, crush	Volunteers	Risk		canopy and root bases for displacement or movement of large	
	woody debris or falling trees	injuries, death	School groups			branches/whole trees in the wind Retreat from woodland if	5
			(adults and	10		unexpectedly gusty.	
			children),		N	Visual check of canopy in activity zone for obvious dead hanging	
			Children and			branches, limbs and trees. Move group away so participants are	
			accompanying			not at risk of falling debris, especially during windy conditions.	
			adults		N	Chalara – Ash die back: If there is evidence of infected trees	
ŀ						(branches lack leaves in Spring and Summer) inform the	
						landowner, the work site is to be moved far enough away so as participants are not at risk from falling debris and follow usual	
						canopy and root observations. Cancel Event where this is not	
						possible.	
19	Exposure to extreme weather	First Aid/7 Day Injury	SWT Staff	Low Risk	N	Cold/wet weather: Full water proofs, spare clothing, full change of	Low Risk
	conditions	hypothermia, hyperthermia,	Volunteers			clothing in waterproof (non-plastic) bag recommended.	
	heavy rain, extreme cold, heat	dehydration, sunburn, sunstroke	School groups	6	N	Hot weather: Long sleeve clothing recommended to all. Sun	3
	wave: Hypothermia,		(adults and			screen and hats to be worn. Water available at all times.	
	sunburn/sunstroke		children),		N	If extreme weather conditions are forecast, plan activities	
			Children and			accordingly or postpone/cancel event.	
			accompanying				
			adults				

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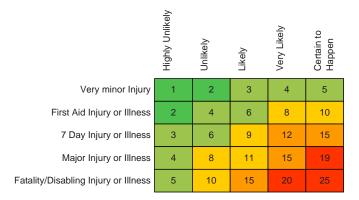
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Risk Calculator Type

Risk Rating = Probability x Consequence

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Probabilities

Label	Description	Percentage
Highly Unlikely		20%
Unlikely		40%
Likely		60%
Very Likely		80%
Certain to Happen		100%

Consequences

Label	Description	Percentage
Very minor Injury		5
First Aid Injury or Illness		10
7 Day Injury or Illness		15
Major Injury or Illness		19
Fatality/Disabling Injury or		25
Illness		

Rating Categories

Label	Description	Colour	Threshold
Very Low Risk			1
Low Risk			3
Medium Risk			7
High Risk			12
Unacceptable Risk			16

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Actions Arising

Number	Туре	Status	Assigned to / Location	Summary
CM-000388	Corrective Action	Completed		Supervise participants in car park and driveway, Hi-vis to be worn by leader if appropriate (7SCP road crossing, WM car park), walk on pavements. Use road crossings where appropriate.
CM-000389	Corrective Action	Completed		Group leader to brief participants on high risk areas on arrival and before moving away from car parks
CM-000390	Corrective Action	Completed		7SCP â€" large school groups: high vis and spotters on A259.
CM-000391	Corrective Action	Completed		Suitable footwear for weather/ground conditions. Boots and wellies provide ankle support, recommended. Suitable tread on soles.
CM-000392	Corrective Action	Completed		If possible; On the day site inspection by group leader before group arrives. Check ground condition and site specific hazards. Tape off/raise awareness of new/increase hazards.
CM-000393	Corrective Action	Completed		Warn about Weil's disease and the risk of infection. Do not expose fresh cuts to water and soil; cover cuts with waterproof plasters.
CM-000394	Corrective Action	Completed		Ensure hand washing equipment / hand gel is available, especially before eating
CM-000395	Corrective Action	Completed		Advise not to touch or taste any fungi.
CM-000396	Corrective Action	Completed		Hand washing facilities available. Ensure anyone who touches fungi washes there hands before eating.
CM-000397	Corrective Action	Completed		Raise awareness of thorns and less obvious toxic or harmful plants like bracken and giant hog weed.
CM-000398	Corrective Action	Completed		If tasting edible berries such as blackberries ensure group are able to identify (consider the learner's abilities) â€" you may need to check all collected berries before tasting. Consider accompanying staff.
CM-000399	Corrective Action	Completed		Picking blackberries or nettle leaves for consumption only as part of an organised activity where leaders can check plants / berries/ nuts
CM-000400	Corrective Action	Completed		Share strategies with group to help manage a dog situation. For example: place hands on shoulders and look away from dog. Stay calm, no running or calling to excite dog.
CM-000401	Corrective Action	Completed		Ask owner to keep dog under control.
CM-000402	Corrective Action	Completed		Report regular incidents of dogs not under control to local authority community/dog wardens and keep records to raise awareness to other staff.
CM-000403	Corrective Action	Completed		Take advice from any signage and observe the behaviour of the livestock
CM-000404	Corrective Action	Live		Avoid walking a large group of people through the middle of a herd - walk around the herd and leave space for cattle and horses to move away from group.

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CM-000405	Corrective Action	Live	Avoid walking through cattle with calves, or through a field with a lone bull.
CM-000406	Corrective Action	Live	If concerned, find another route.
CM-000407	Corrective Action	Live	Raise awareness of possible locations of adder sites, wasp, hornet and bee nests.
CM-000408	Corrective Action	Live	Any allergies of volunteers known through volunteer registration forms and group leader to check they are carrying medication.
CM-000409	Corrective Action	Live	Accompanying school / nursery staff should know location of medication if required for individual participants. Check accompanying school/nursery staff have epi pens and group allergy information to hand.
CM-000410	Corrective Action	Live	Raise awareness especially in peak summer time. Issue SWT Tick Leaflet (attached)
CM-000411	Corrective Action	Live	Long trousers and closed toe shoes recommended. Advise: check body at home. Follow NHS advise re: removal and monitoring https://www.nhs.uk/conditions/lyme-disease/
CM-000412	Corrective Action	Live	Tick removal tweezers included in 1st aid kit.
CM-000413	Corrective Action	Live	Raise awareness – less experienced learners/ volunteers.
CM-000414	Corrective Action	Completed	Raise awareness re wet board walks and steps. Weather conditions and group dynamic will determine level of advice.
CM-000415	Corrective Action	Completed	Ensure that participants are wearing suitable footwear, with good grip on the sole, at teh start of the activity.
CM-000416	Corrective Action	Completed	Inform site manager / owner. Cover boards with non-slip surface e.g. chicken wire
CM-000417	Corrective Action	Live	Raise awareness and ensure supervision of participants near bodies of water if they are exploring/working in shallow water or nearby deeper features such as ponds and rivers
CM-000418	Corrective Action	Live	Participants not to be left alone near open water. Volunteers working in pairs so they always have a spotter/buddy.
CM-000419	Corrective Action	Live	Carry throw line near rivers and lakes, to enable a rescue of a person who has fallen in the water.
CM-000420	Corrective Action	Live	Remove low, pointy branches in areas of high activity e.g. around fire circle or busy footpaths.
CM-000421	Corrective Action	Live	Safety goggles provided For volunteers working in dense scrub or where eye level branches/thorns may be concealed.
CM-000422	Corrective Action	Live	Raise awareness. Highlight if hidden in a regularly used site and ensure that participants keep away from barbed wire.
CM-000423	Corrective Action	Live	Remove wire, if possible.
CM-000584	Corrective Action	Live	Visual inspection on arrival. Remove if possible.
CM-000585	Corrective Action	Live	If removal is not possible, move activity area away from sharp objects or faeces.

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CM-000586	Corrective Action	Live	Handwashing or hand gel available in event of faeces contamination
CM-000587	Corrective Action	Live	Sharps box might be needed in some more public locations
CM-000588	Corrective Action	Live	Communicate with land managers and contractors and plan activities accordingly, to avoid conflict with hazardous operations.
CM-000589	Corrective Action	Live	Keep at least 2 tree lengths away from tree works
CM-000590	Corrective Action	Live	Avoid site if required / cancel session if no alternative
CM-000591	Corrective Action	Live	Raise awareness. Stay at least 5 meters away from Cliff or quarry edge.
CM-000592	Corrective Action	Live	When working below cliffs, stay beyond cliff-height away from base of cliffs.
CM-000593	Corrective Action	Live	Cancel event if High/ Gale Force winds are forecast. Observe canopy and root bases for displacement or movement of large branches/whole trees in the wind Retreat from woodland if unexpectedly gusty.
CM-000594	Corrective Action	Live	Visual check of canopy in activity zone for obvious dead hanging branches, limbs and trees. Move group away so participants are not at risk of falling debris, especially during windy conditions.
CM-000595	Corrective Action	Live	Chalara â€" Ash die back: If there is evidence of infected trees (branches lack leaves in Spring and Summer) inform the landowner, the work site is to be moved far enough away so as participants are not at risk from falling debris and follow usual canopy and root observations. Cancel Event where this is not possible.
CM-000596	Corrective Action	Live	Cold/wet weather: Full water proofs, spare clothing, full change of clothing in waterproof (non-plastic) bag recommended.
CM-000597	Corrective Action	Live	Hot weather: Long sleeve clothing recommended to all. Sun screen and hats to be worn. Water available at all times.
CM-000598	Corrective Action	Live	If extreme weather conditions are forecast, plan activities accordingly or postpone/cancel event.

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Appendix of Attachments

Documents

Hazard #9 (SWT Tick Leaflet.pdf)

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Key tick awareness messages

- 'be tick aware' and remember that you could be exposed to ticks whenever you spend time outdoors, including when in your garden or the local park
- ticks mainly attach to animals, but sometimes they may bite you or your family
- you can prevent tick bites by walking on clearly defined paths, using insect repellent and performing regular tick checks
- some tick bites can result in infection, so it is important to remove ticks safely and as quickly as possible
- the safest way to remove a tick is by using a pair of fine-tipped tweezers or a tick removal tool
- contact your GP or dial NHS 111 **promptly** if you begin to feel unwell with flu-like symptoms or develop a spreading circular red rash. Remember to tell them you were bitten by a tick or have recently spent time outdoors

More information

For more information, search for the phrases 'ticks' and 'Lyme disease' on these websites: www.nhs.uk www.gov.uk

Public Health England Wellington House 133-155 Waterloo Road London SE1 8UG www.gov.uk/phe Twitter: @PHE_uk

March 2018

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Enjoy the outdoors but 'be tick aware'



'Be tick aware' to avoid tick bites and know how to take action if you or your family get bitten by ticks

What are ticks?

Ticks are small, spider-like creatures that feed on the blood of animals, including people. The size of a tick can vary, with a larva being as small as a tinv freckle, and fully fed females similar in size to a baked bean.

Where do you find ticks?

Ticks survive in many habitats. but prefer moist areas with leaf litter or longer grass, like in woodland, grassland, moorland, heathland and some urban parks and gardens. Ticks don't fly or jump. They wait on vegetation for a host to pass by, and then climb on. They bite and attach to the skin and feed on blood for several days, before dropping off. Ticks are found throughout the year, but are most active between spring and autumn.

Main health risks

- ticks can sometimes transmit microbes that may cause human diseases such as Lyme disease. It is important to be Lyme disease aware and see your GP promptly for diagnosis and treatment if you recognise the symptoms which can include:
 - a flu-like illness, fatigue and muscle and joint pain

compared

to a one penny coin

- a characteristic expanding red rash, erythema migrans (present in many but not all cases)
- you may not always remember being bitten by a tick, so if you have spent time outdoors and develop any of these symptoms, seek advice from your GP or dial NHS 111.
- lyme disease can be treated with a course of antibiotics. Without treatment, more serious conditions can develop such as swelling in some joints or problems with the nerves and heart, so prevention and early detection are key.

Avoiding ticks

- walk on clearly defined paths to avoid brushing against vegetation
- wear light-coloured clothes so ticks can be spotted and brushed off
- use repellents such as DEET
- carry out a tick check

Carry out a tick check

Make it a habit to check your clothes and body regularly for ticks when outdoors and again when you get home. Check your children and pets as well.

Ticks prefer warm, moist places on your body, such as the groin, waist, arm pits, behind the knee and hair lines, so look out for anything as tiny as a freckle or a speck of dirt. Young children are commonly bitten on the head/scalp so need to be carefully checked around the neck, in and behind the ears and along the hairline. Kick removal with tweezer

If you have been bitten

- remove ticks as soon as possible
- the safest way to remove a tick is to use a pair of fine-tipped tweezers or a tick removal tool
- grasp the tick as close to the skin as possible
- pull upwards slowly and firmly, as mouthparts left in the skin can cause a local infection.
- clean the bite area, and monitor it for several weeks for any changes
- contact your GP promptly if you begin to feel unwell with flu-like symptoms or develop a spreading circular red rash. Remember to tell them you were bitten by a tick or have recently spent time outdoors







