

Name		Level	Silver
Торіс	ID	Lesson	1 of 10
Subject	Heights and Breeds	Location	Arena
Resources & Requirements	classroom, preferably	s to measure, bridles, h with computer and scre orse breeds, flip chart ar	en. If not lots of

Time	Activity		
	INTRODUCTION:		
15	Welcome		
mins	Explain safety/emergency procedures for lesson		
	Give Aims, timetable and brief outline of lesson content		
	Introduce topic and Link to Bronze Knowing your horse: Describing your horse		
	adding that knowing height and breed of horses can be added to give a more		
	detailed description		
	ACTIVITIES:		
	1. Briefly recap on colours and markings from Bronze 1.		
60	2. Explain about measuring in both hands and centimetres and values of each.		
mins	How height affects value, use and feeding. Explain about official measuring		
	regulations and stands- pony measurements/horse measurements		
	3. Go on to yard and introduce measuring stick with spirit level showing		
	heights. Talk about measuring on level ground, horse standing square, one		
	person to hold, one to measure with stick on highest point of withers, spirit		
	level in centre, allowance for shoes, keeping horse/pony relaxed etc.		
	Choose a quiet pony and measure it.		
	Coach has already identified before session easy horses/ponies to		
	measure.		
	4. Having measured initial pony and discussed height, send individuals or		
	pairs into boxes to bridle horse/pony, pick out feet and guess/assess height		
	before it is measured and accuracy of guess assessed. Hopefully this makes		
	it fun! In this way awareness of horse height is developed. Can measure		
	themselves to find out how many hands they are – help with guestimating!		
	In class introduce Breeds of Horse and their evolution as historically the		
	horse was used for different purposes e.g. transport (ridden and driven)		
	war, agriculture, sport (racing, hunting, bullfighting etc) and display.		
	Agricultural horses tended to be larger cold bloods e.g. Shire, Clydesdale,		
	Percheron, Ardennes, Suffolk Punch. Carriage horses tended to be warm		
	bloods e.g. Cleveland Bay, Oldenburger, Friesian, Holsteiner, Gelderlander		
	while Arab and Barb horses are foundation of the modern TB. The		
	injection of thoroughbred and Arab blood into warmbloods has produced		

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the modern sport horse.

 Suggest coach leads discussion of TB and Arab characteristics. Invite input from group on their experiences. Video clips of TBs in paddock at racecourse, racing/steeplechasing and eventing would be good plus short clips of Arabs shown in hand and ridden, including endurance riding.
racecourse, racing/steeplechasing and eventing would be good plus short clips of Arabs shown in hand and ridden, including endurance riding.
clips of Arabs shown in hand and ridden, including endurance riding.
Compare Arab and TB with Shire /Clydesdale and images of latter two
ploughing or pulling trade vehicle ideal
7. Coach facilitates group task of designing checklist of factors to compare
breeds e.g. height, typical colours, amount of bone below knee, coat
thickness, appearance, temperament, movement, speed, endurance
8. Take group onto yard and ask them to identify breed of horses stabled on
yard. Compare breeds by standing horses next to other where possible.
Homework:
For Session 2 everyone selects a different breed that interests them, researches
the breed, describes it briefly to rest of group linking description to breed factors
identified above in 6, bringing with them some image of breed
SUMMARY
15 Individuals select breed to talk about in Session 2. Coach offers reference sources
mins Questions
PROGRESSION:
Learn about the more famous representatives of each breed e.g. TB = Galileo, Saddlers
Wells, Hyperion, Red Rum, Desert Orchid



Name		Level	Silver
Торіс	ID	Lesson	2 of 10
Subject	Breeds	Location	Yard Classroom
Resources &	Pictures of different horse breeds, flip chart and/or whiteboard		d /or whitehoard
Requirements			Iu/or whiteboard

Time	Activity	
	INTRODUCTION:	
10	Welcome	
mins	Explain safety/emergency procedures for lesson	
	Give Aims, timetable and brief outline of lesson content	
	Introduce today's session	
	ACTIVITIES:	
	1. Briefly recap on previous session – ask questions about what group remember	
40	about breeds	
mins		
	2. Homework presented on breeds (very informal)	
	3. Explain that cobs and hunters are types not breeds and how to identify	
	4. Coach and group collaborate to compare: British Native Pony Breeds: Shetland,	
	Dartmoor, Exmoor, New Forest, Dales, Fell, Highland, Welsh Sections A, B, C & D.	
	5. Design a chart of equine activities e.g. hacking, polo, Le Trec, dressage, horse	
	trials, trekking, carriage driving western riding, pony racing, vaulting, show jumping, hunting, team chasing.	
	Discuss breeds or types suitable for these activities and enter them bedside the	
	breeds names	
	OR	
	6. Discuss breeds and types of horses using horses on the yard. Group to practice	
	describing horses using: colour, markings, height, breed.	
	SUMMARY	
10	Brief recap by each group member of what learnt about breeds	
mins	Questions	
	Introduce next session topic and reading/research for it	
	PROGRESSION:	
Investigate Rare Breeds e.g. Cleveland Bay, Suffolk Punch		
	The British Horse Society, Abbey Park, Stareton, Kenilworth, Warwickshire CV82XZ	

Tel: 02476 840500 Email: <u>enquiries@bhs.org.uk</u> www.bhs.org.uk The British Horse Society is a Registered Charity Nos. 210504 and SC038516

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Name		Level	Silver
Торіс	Anatomy	Lesson	3 of 10
Subject	Digestive System	Location	Classroom
Resources &	Ideally computer and screen, handouts, video clips, text books.		cling toxt books
Requirements			clips, lext books.

Time	Activity	
	INTRODUCTION:	
10	Welcome	
mins	Explain safety/emergency procedures for lesson	
	Give Aims, timetable and brief outline of lesson content	
	Introduce subject for today	
	Introduce session - Issue each group member with line drawing of digestive tract	
	with parts named within outline of a horse	
	ACTIVITIES:	
	If possible watch the Dengie video = useful introduction, scientifically correct and	
70	at right level	
mins	Break session into following headings with time for questions after each segment	
	of lesson and to complete diagram	
	A. Lips to stomach	
	B. Stomach	
	C. Small intestine	
	D. Large intestine to rectum	
	 Overview and link to nine rules of feeding (Bronze Knowing 3 Feeding). Depth and detail of content will depend on group members and should be adapted accordingly. Use diagrams to try to locate position of parts on horse. 	
	2. A. Lips to stomach:	
	Include lips, incisors, molars, bolus, salivary glands producing saliva, pharynx,	
	epiglottis regulates entry to oesophagus	
	B. Stomach – rugby size, 2 -4 gallon capacity, cardiac sphincter muscle so horses	
	can't vomit. Pyloric sphincter muscle controls stomach exit	
	C. Small intestine	
	a. Duodenum = 1.00 metre long. Bile from liver duct converts acid stomach	
	contents to alkaline. Enzymes break down food	
	b. Jejunum = 20m long. Minerals and vitamins absorbed into blood stream	
	c. Ileum = 2m long	
	D. Large intestine	
	a. Caecum= water reservoir holding 8 gallons. Bacteria break down cellulose	

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	b.	Large or great colon = 3/4m. Further food break down can take several
		days. Sharp turn back on self at pelvic flexure can be blockage site
	с.	Small colon = 3/4m.Nutrients & water extracted
	d.	Rectum = 1/3 metre. On average food takes 3-4 days to pass through the
		horse's system
	3. A	sk group having discussed digestive system
	a.	Why we feed little and often
	b.	Why we don't ride within an hour of a full feed
	С.	Why we feed plenty of roughage
	d.	Why we introduce change gradually (all these are one of the 9 feeding
		rules)
	e.	How efficient the horse's digestive system is
	f.	f. What are some common digestive problems and why.
	SUMMA	ARY
10	Summai	ry of the digestive system and how the rules of feeding relate to it.
mins	Questio	ns
		PROGRESSION:
Think ab	out possi	ible causes of colic
Conside	r why hor	ses are prone to gastric ulcers



Name		Level	Silver
Торіс	Anatomy	Lesson	4 of 10
Subject	Organs & taking TPR	Location	Yard Arena
Subject			Classroom
Resources &	Classroom, diagram w	ith major organ location	s, horses for TPR
Requirements	assessments, thermon	neters, Vaseline, stethos	бсоре

Time	Activity
	INTRODUCTION:
5 mins	Welcome
	Explain safety/emergency procedures for lesson
	Give Aims, timetable and brief outline of lesson content
	Recap previous session on digestive system
	Introduce session – internal organs



[ACTIV	ITIEC.
	1.	Give handout to all of main internal organs. Discuss why need to know
75		about these
mins	2.	In classroom see how many organs the group can identify correctly.
	3.	On yard locate the main organs on a horse or work in pairs with different
		horses, using diagram as a guide
	4.	Link organ location to Temperature, Pulse and Respiration normal rates and
		how these can be used as sign of health e.g. heart beats = pulse and rapid
		or slower pulses may be significant health indicators as may be differences
		to normal respiration rates i.e. lung or pulmonary function while
	_	temperature variation is often a health warning
		Re-cap signs of health covered in Bronze. What are normal rates for TPR?
	Demo	nstrate how to take TPR.
	6.	Explain why always start by taking the respiration rate first then the pulse
		and finally the temperature, as taking the temperature can cause an
		increase in respiration and pulse rates.
	7.	How to take respiration rate – watch flanks, positioning, signs of increased
		rate
	8.	Show with demonstration horse, location of different pressure points for
		taking a pulse (explain why don't use thumb). Help each member to find
		pulse behind cheek (inside of lower jaw on horse's head). Once pulse
		found, timed for 30 seconds and multiplied by two to obtain beats per
		minute. At rest normal range is between 35 – 45 bpm but if horse excited
		rate rockets.
	9.	Demonstrate how to use stethoscope behind left elbow. Describe sound of
		heart and what counts as a beat. Count 30secs and multiply by two.

	10. Group practice in pairs, taking turns at finding and recording horse's pulse	
	(manually or stethoscope). Horse is untied and held. Offer help and support	
	as required. Group should then compare heart rates of different horses.	
	11. Horse's normal temperature range is between 37 and 38.5 ^o c. Explain how	
	to use digital thermometer. Demonstrate how to take temperature,	
	preferably with digital thermometer on quiet horse. Highlight safety – not	
	letting go, position	
	Group members to practise under direct supervision taking temperature	
	SUMMARY	
10	Recap position of organs	
mins	Summary of how to take TPR and what the numbers can be used for	
	Introduce topic for next session and preparatory reading and research	
PROGRESSION:		
Locating other pressure points apart from facial artery e.g. radial behind elbow		
Taking temperature under direct supervision		



Name		Level	Silver
Торіс	Anatomy	Lesson	5 of 10
Subject	Health	Location	Yard & Classroom
Resources &	Flip chart/board,		
	Equine dentist or vet if available! Suitable horse for inspecting teeth		
Requirements	mouth, IT facilities		

Time	Activity	
	INTRODUCTION:	
10	Welcome	
mins	Explain safety/emergency procedures for lesson	
	Give Aims, timetable and brief outline of lesson content	
	Introduce subject for today	
	Recap previous session	



	ACTIV	ITIES:
30	1.	Ask if anyone in the group has knowledge of the Animal Welfare Act 2006
mins		and what is our duty of care towards horses (and all animals)? Create a list
		of suggestions.
	2.	Discuss each one and what it means:
		Suitable environment to live in
		Suitable diet
		Able to behave normally
		Have appropriate company
		 Protected from pain, suffering, injury and disease
	3.	Why it is important to consider these if considering owning a horse (can't
		keep it in the back garden!)
	4.	Failure to maintain the horse's health and wellbeing could result in
		prosecution, a fine of up to £20k or imprisonment
	5.	How is this checked. Riding Establishments also must under the Riding
		Establishments Acts of 1964 and 1970 maintain their facilities and horses in
		good condition and be licensed by local authority, checked yearly. Discuss
		what happens during an inspection
	6.	The BHS Approvals team also inspect all BHS Approved establishments
		yearly. Discuss what happens during these checks.
	7.	Who can you report concerns to: BHS Welfare Team, BHS Approvals Team,
		local authority,
		Look round the yard to see how the horse's needs are being met.
	9.	Group to create a list of things you need to consider if you were setting up
		your own yard or buying own field to keep a horse in.

30		
mins	Give group references for further reading on this – National Equine Welfare	
	Council (NEWC), Code of Practice from DEFRA	
	10. Re-cap TPR rates from previous session and how they can be used as	
	indication of health (link to 5 needs above)	
	11. Discuss how to take each and demonstrate if required. Group to practise	
	taking the TPR rates of suitable horses.	
	SUMMARY	
10	Summary of Welfare needs of horses	
mins	Questions regarding any part of the session.	
	Introduce reading /preparation for next session on teeth	
PROGRESSION:		
Further	reading on animal welfare legislation for those interested (Animal Welfare –	
GOV.UK)	



Name		Level	Silver
Торіс	Health	Lesson	6 of 10
Subject	Health and Teeth	Location	Yard & Classroom
Resources &	Flip chart/board, Diagram of horses teeth to label		
Requirements	Equine dentist or vet if available! Suitable horse for inspecting teeth		
Requirements	mouth, IT facilities		

Time	Activity		
	INTRODUCTION:		
10	Welcome		
mins	Explain safety/emergency procedures for lesson		
	Give Aims, timetable and brief outline of lesson content		
	Introduce subject for today		
	Recap previous session MEMORY MAGNET! Each individual recalls two points		
	about previous Session 5 on animal welfare passing the memory magnet to		
	another in group. No repetition allowed!		
	ACTIVITIES:		
	1. Consider inviting a qualified Equine Dental Technician or vet to give		
60	lecture/demo on care of horse's teeth.		
mins			
	Or		
	2. If this is not possible:		
	a) Ask group if they know how many teeth horse has (36-42)? Names of teeth		
	(incisors, molars, tushes lie in between), position (how far back in the jaw		
	the teeth are often surprises people), where the bit lies in relation to the		
	teeth		
	b) Handout diagrams of horses teeth to label		
	c) Discuss why care of the teeth is important – continually growing, hooks,		
	sharp edges,		
	d) Signs a horse may need his teeth checking and who can do this – quidding,		
	tipping head when ridden, reluctance to have bridle on, losing weight		
	e) How often the teeth should be checked and by whom		
	f) Using quiet horse show how to gently open a horse's mouth to show		
	incisors, if horse obliging show tushes, inter dental gap, where the bit lies.		
	g) If you have any horses that crib bite or have issues that can easily be seen,		
	it will be interesting for the group to have a look.		
	h) If horses available can compare angle and colour of young horses incisors		
	vs older horses so group can see the difference.		

	SUMMARY		
10	Ask group what their responsibilities are toward the horses they ride		
mins	Questions		
	Introduce reading /preparation for next session on worming and bio security		
	PROGRESSION:		
Further	Further reading on animal welfare legislation for those interested (Animal Welfare –		
GOV.UK)			
Learning to assess a horse's age by its teeth			



Name		Level	Silver
Торіс	Health	Lesson	7 of 10
Subject	Worming and Biosecurity	Location	Yard & Classroom
Resources & Requirements	Flip chart, empty worming or treatment syringes, suitable horse(s)		

Time	Activity		
	INTRODUCTION:		
15	Welcome		
mins	Explain safety/emergency procedures for lesson		
	Give Aims, timetable and brief outline of lesson content		
	Introduce subject for today		

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	ACTIVITIES:
	1. Introduce topic of Biosecurity in classroom and explain that it is an important
70	aspect of exercising our responsibilities toward our horse's welfare (link to
mins	legislation discussed in Health Welfare needs of horse). This applies particularly
	when our horses are away from home at a competition, fun ride or rally
	a) Re-cap on how to prevent spread of disease around yard covered in Bronze
	b) Divide group into pairs to compile list of good practice when horses away from
	home to reduce the risk of contracting infection or disease
	c) Pairs reform into group and compile master list of good practice and reasons
	when away from home to reduce risk of spreading or contamination from other
	horses.
	d) Discuss other examples of maintaining bio security to reduce infection and
	disease to other horses e.g. disinfecting lorry/trailer after use
	2. WORMING: a. In class discuss what are worms and why we need to worm horses to keep them healthy
	b. Explain about how to test for worms - worm egg count, saliva test, blood test c. Make point it about not worming unnecessarily as worms develop resistance over time to wormers
	d. Explain that worms have varying life cycles and, therefore, we worm at certain
	times of year to reduce infestation. (group are not require to memorize
	types/names of worms – just be aware that there is more than one type)
	e. Who can advise on which wormer to use
	f. How to reduce the risk of worm burden - Lift droppings in fields so horses not re-
	infected, cross grazing with sheep and cattle
L	

3. The BHS produces excellent booklet "Advice on Worm Control." For further
information
4. On yard demonstrate how to administer a syringe treatment (empty!) using
quiet horse untied in head collar.
a. This can be an empty worming syringe or a calmer or electrolyte syringe or
similar.
What to check before giving:
- Check expiry date.
- Calibrate to correct amount according to weight of horse
- Remove cap
b. One arm holds the horse's head steady. Quietly slide syringe into the corner of
the mouth, push plunger
c. Hold horse's head up until he has swallowed and paste not ejected!
5 Group members to practice giving syringe treatment to a quiet horse
SUMMARY
Questions
Summary of session covered - Learners each make one point about what learnt in
session that no one else has volunteered
Issue reading and preparation material for next session
PROGRESSION:
nore about different worming life cycles and types of worms e.g. small, large red
pin worm, round worm etc



Name		Level	Silver
Торіс	Health	Lesson	8 of 10
Subject	Wounds	Location	Yard & Classroom
Resources &	BHS Complete Horsemanship Volume 2, quiet horses for bandaging		
Requirements	on yard, stable bandages, fibregee, gamgee		

Time	Activity	
	INTRODUCTION:	
10	Welcome	
mins	Explain safety/emergency procedures for lesson	
	Give Aims, timetable and brief outline of lesson content	
	Introduce today's session	
	ACTIVITIES: <u>1 – 3 in a classroom</u>	
	 Describe and illustrate different types of wound (Pages 40/41 BHS) 	
70	Complete Horsemanship Vol. 2)	
mins	N.B. The group may have personal experiences of wounds to share with the group	
	(peer learning)	
	a. A puncture wound	
	b. A graze	
	c. An open wound	
	d. A bruise	
	2. General principles for treating a wound	
	a. Stop any bleeding if present. If there is bright red arterial bleeding	
	spurting from a major artery, the vet must be called urgently as it	
	could be fatal if not stopped. Summon whoever is in charge of the	
	yard for help. Apply direct pressure to the wound covering it with	
	whatever material will stem its flow	
	3. Minor wound:	
	Clean the wound – using hose, gauze (why not cotton wool) and water,	
	clean from inside out, replace gauze each time removing any foreign bodies	
	e.g. grit. Warm water could restart any bleeding. Do not put anything on it	
	if it is likely to need stitching or vet visit	
	4. Reasons for using stable bandages – type of bandage, use of gamgee	
	5. Demonstrate how to apply secure stable bandages. (Pages 48/50 BHS	
	Complete Horsemanship Vol. 2) Include: why bandage both limbs, why	
	use stable bandages, dangers of incorrectly fitted bandages, reason for	
	bandaging front to back.	
	6. Group practice applying stable bandages in pairs on quiet horses, observe	
	and support as required, If struggling, practice using bandage only first,	

	then with padding underneath when more proficient		
	It is likely that the group will need several practice sessions on how to apply stable bandages to become confident and proficient at this skill. It is suggested that you fit bandage practice over several sessions.		
	SUMMARY		
10	Summarise session, group contributing to checklist of correct stable bandaging		
mins	technique.		
	Questions		
	Introduce reading /preparation for next session on feeding		
	PROGRESSION:		
Underta	Undertake further practice on bandaging. Challenge activity – knee bandage		
Further work on wounds including tubbing and foot poultices			



Name		Level	Silver
Торіс	Feeding	Lesson	9 of 10
Subject	Identifying and preparing feed	Location	Yard & Classroom
Resources & Requirements	Classroom, feed samples, feed room		

Time	Activity
	INTRODUCTION:
15	Welcome
mins	Explain safety/emergency procedures for lesson
	Give Aims, timetable and brief outline of lesson content
	Introduce session
	Ask group to write down, not conferring, the 9 rules of feeding learnt in Bronze
	Knowing session



	ACTIVITIES:	
	1. In class explain that in Bronze Knowing Feeding 3 the focus is on bulk e.g.	
60	hay/haylage but now this shifts to concentrates which provide extra energy	
mins	and help to maintain condition if the horse is doing more work.	
	Have samples to look at and discuss. What ones can they identify?	
	a). Hay and haylage	
	b). Molassed chaff.	
	c). Alfalfa	
	d). Mix	
	e). Cube	
	f). Sugar beet (unsoaked and soaked)	
	g). Any other feed you have in your feed room!	
	2. From class go to feed room and look in bins, asking group members to	
	identify the feeds they saw as samples in class. Look at feed bag labels to	
	compare contents. Ideal if can compare ingredients of high energy mix and	
	low energy.	
	3. Talk about the layout of the feed room and recall bio security (Silver	
	Knowing 6) and the need for clean feed bowls for health, hygiene & blood	
	testing of competing horses. Include the use of rodent proof bins,	
	cleanliness to deter rodents and danger of feed contamination. For health	
	& safety any medication should be securely stored.	
	4. While in feed room, useful to show group about ration quantities, linking to	
	digestive tract, why feed little and often, size of stomach and why feeds	
	should weighed to avoid inconsistency or over feeding. Using scales weigh	
	out a scoop of each feed (group can guess weight), compare a heaped	

	scoop to a level one (overfeeding).	
	5. Make up feeds from the feed chart, compare rations for various horses on	
	the yard	
	If possible feed horses and then wash feed bowls after – cleanliness and	
	biosecurity	
	SUMMARY	
15	Return to classroom and questions	
mins	Introduce reading /preparation for next session on fitness	
PROGRESSION:		
Further reading on quantities to feed horses		
Learn about quick and slow release energy		
Read about high fibre and high energy diets and the difference.		



Name		Level	Silver
Торіс	Fitness	Lesson	10 of 10
Subject	Fitness	Location	Yard & Classroom
Resources &	Flip chart, group lesson to watch, IT facilities		
Requirements			

Time	Activity
	INTRODUCTION:
10	Welcome
mins	Explain safety/emergency procedures for lesson
	Give Aims, timetable and brief outline of lesson content
	Introduce today's session

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	ACTIVITIES:
	1. Facilitate a discussion on warming up and cooling down with group in class
70	room, posing the following questions to encourage group reflection.
mins	Group contributions put on flip chart
	 Ask about exercise they do – how do they start the sessions and why
	 Why do we walk the horse before trotting and cantering when riding?
	 What are the benefits of riding school figures in trot early in session? Link this to suppleness
	 Will cantering sooner in session loosen horse more than spending longer in trot?
	 Discuss the likely length of a warm-up before a horse is ready to work at its best?
	 How much longer are older horses likely to take before they are fully warmed up?
	 What exercises in a flat work session are likely to increase your horse's fitness?
	 Will walking make a horse fitter? If so how?
	 How long should it take to cool a horse down to return heart and respiration rates to normal?
	What other ridden exercises can we do to cool the horse down
	toward the end of its exercise?
	 What the consequences of not warming and cooling down progressively?
	 Why does the horse need to be fit
	What signs would indicate to us when riding that our horse was

	becoming fitter?	
	• Looking at your horse from the ground what would be the signs that	
	he was becoming fitter?	
	 Discuss the consequences for our horses if we are not fit enough 	
	when riding them?	
	2. Relocate to arena if a group lesson is taking place to observe lesson taking	
	place or riders riding and any warm ups and cooling down. Group to make	
	notes on what they have seen. Compare how the horses went before and	
	after the warm up. If possible look at the free walk at the beginning and	
	end of the session – can the group see a difference. Can look at fitness	
	levels (Can also link back to bronze fitness) On return to classroom discuss	
	what was observed.	
	3. As a group come up with suggested warm up and cool down exercises e.g.	
	work on long rein, large circles, light seat etc. Discuss different types of	
	horses and how their temperaments may affect the way you warm up e.g.	
	very sharp horse might not start with free walk on long rein! Think about	
	rider exercises also.	
	4. Each group member designs a warm up and cool down plan for a horse	
	they know and presents to group for discussion or in small groups discuss	
	potential warm up plans for different horses on your yard e.g. older, sharp,	
	pony or competition horse/pony. Emphasize that each horse will have	
	different needs	
	SUMMARY	
10	Summary of warming up and cooling down	
mins	Questions	
	PROGRESSION:	
Try out	the warm up and cool down plan you designed in the next riding session	
Modify	the plan to make it better!	