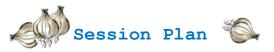


Term		Autumn	Date	From September	Week No	Ongoing		
Subject Objecti		1. See 2. Che	f the session, child a variety of differ ck if fruit or veget	rvesting the session, children will be able to: a variety of different fruit & vegetables k if fruit or vegetables are ready to be picked rience the different ways of harvesting				
TIME	CO	NTENT	DETAILS			RESOURCES		
0.00	Arrive, regis changed, br introductior	ief	Going to pick/ last term	harvest fruit & vegetable	es that planted			
0.10 Brief introduction to activities		home prese freez veget 2. Cut c	-	cooking, or boiling) or Freezing fruit & re big enough.	Paper cups Basket/Trug			
0.20	Children hav Tidy up, was	•						
	change	-						
1.00	Leave							
Notes	would store to sell. Whe soon found burning kere a week or e tomatoes is	newly harvest n new, modern that the impor osene in the he ight days on th due to a chem	ed green lemons n heating systems tant factor in the eaters (www.ethy e worktop after ri iical called Linoler	in sheds kept warm by k were tried, the lemons ripening process was sm lenegas.com) Tomatoes pening, but shouldn't re	erosene heaters u no longer turned y nall amounts of eth should never be p cally be kept longer 3-Hexenel, and this	y accident. Lemon growers ntil they were ripe enough rellow on time. Research nylene gas given off by the out in the fridge They'll last r than that. The tart taste of a reaction is disrupted by		



Term		Autumn	Date	September	Week No	1
-	ObjectivesBy the end of 1. Under		hter Tidy Up 1 – OUTSIDE - Could easily run over two sessions f the session, children will be able to: erstand why we need to tidy up & care for tools			sessions
TIME	CO	NTENT	DETAILS			RESOURCES
0.00	Arrive, register, get changed, brief introduction to session		safe places for pests & disea ready to infer also importar	It to tidy up gardens to or people & also to mak ses aren't harboured in ct crops in the spring. H nt that they aren't too t places for wildlife.	te sure that In the waste, lowever, it is	
0.10	0.10 Brief introduction to activities		 Weed Clear Roun put a Litter Cane canes in bu Rakir 	·	its of string ants from ifectant#, tie ver.	Gloves, bags, buckets, twine/ties, disinfectant, rakes, leaf bags, brushes, black bin bags/leaf sacks
0.20	Children ha	ave a go				
0.50	Tidy up, wa change	ash hands,				
1.00 Notes	Notes * It's best to keep I once they are col biodegradable le Street, Stroud). L		lected, you car af sacks (can be eave the sacks n you can put a	somewhere out of the round plants as a mulcl	ck bin bags (wi 'alleys Project I way and in a c	ith holes) or Eco Shop, 8 Threadneedle ouple of years you'll have



Term	Term Autumn/Wint		er Dat	te	Any time		Week No	
Subject Autumn/Win		Autumn/Wint	ter Tidy Up 2 – Can be INSIDE - Could easily run over two sessions					
1. Unde		1. Under	stand w	vhy we	ildren will be able need to tidy up 'equipment	to:		
TIME	COI	NTENT	DETAIL	S				RESOURCES
0.00	changed, brief introduction to session		safe pla pests & ready t also im	aces foi diseas o infec portan	t to tidy up gardens r people & also to r ses aren't harboure t crops in the sprin t that they aren't t places for wildlife.	make su ed in the g. How	ure that e waste ever, it is	
0.10			2.	knocking off and get sorted into pairs & attached to each other with pegs.soapy water, wire wool, disinfectant sprayChildren may like to decorate pegs with felt tips pens.soapy water, wire				wool, disinfectant spray Gloves for using with wire wool
0.20	Children ha	ave a go		Jeeu		. 17.		
0.50	Tidy up, wa	-						
1.00	Leave							
Notes	Centres se club (good	Il specific disinfe	ectant fo	or this p ion) or	ourpose. Or you ca	n make	your own	owing season. Garden either at the gardening pe and instructions for





Things you will need:

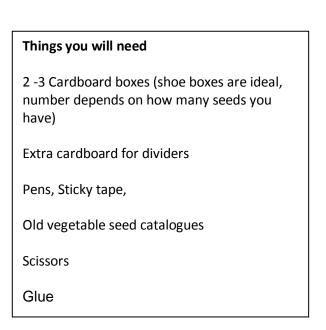
White vinegar (can be bought from Stroud Valleys Project Eco Shop, 8 Threadneedle Street, Stroud) Water Washing-up liquid Tea tree oil Plastic pump spray bottle

- 1. In a plastic pump spray bottle, add 1/4 cup white vinegar. Vinegar is a disinfectant and it shines up surfaces really well without leaving behind any build-up.
- 2. Squirt one teaspoon of plain washing up liquid into the spray bottle. The dish washing liquid should be just a plain soapy liquid, not one with added bleach or bleach alternative. The cheapest, scent free variety is best. Dish washing liquid is a good cleaning agent, and the soapy film will be kept to a minimum with the vinegar addition.
- 3. Add about 20 drops of tea tree oil to the mixture. This oil will have quite a strong smell, but tea tree oil is a very effective disinfectant. Shake to mix well. Finally fill the bottle with water. That's it!
- 4. You can use this all natural disinfectant cleaner on your work tops, microwave, floors, in your bathroom or wherever you would use a disinfectant cleaner.

Read more: www.ehow.com/how_4758237_own-green-disinfectant-cleaner.html#ixzz1UWxgrVWE



Instructions for Making a Seed Organiser



- Cut out dividers that will fit comfortably into the box but are 2cms higher (should all be the same size for each box, you may wish to cut out a template for the children depending on their age & ability). How many letters of the alphabet you have in each box is up to you depending on number of seeds you have and the size of the boxes. We opted for 5 per box.
- 2. The dividers should be marked with letters either hand written or printed, with the first letter on the left hand corner, the letter on the next divider a little further right and so on.
- 3. Each divider can then be decorated using photos of fruit & vegetables cut out from the seed catalogues. For example, pictures of Beetroot, basil, on the B divider. This is a good way of children familiarizing themselves with different types of fruit and vegetables while also using literacy skills.



Term		Autumn	Date	September onwards	Week No		
Subject	t	Collecting S					
Objectives By the end of t			the session, children will be able to: rstand that by letting crops flower you can get more seeds s need to be dried otherwise they will go mouldy				
TIME	CO	NTENT	DETAILS			RESOURCES	
0.00	Arrive, regis changed, br introductior	ief	& time, espect flower and the problem if yo (look on the p same plant ag distance away with a cross (regetables will go to seed and cially if you can share them w en produce seed they need to u are short of space.) Also yo packet if you are not sure) be gain. It is also best to collect to y from other varieties of the hybrid) between the two. It is ants that are the most exper- next year.	vith friends! In to be left in the ou cannot colle cause their see seed from plan same plant, ot makes the mos	order to get the plants to ground (this can be a ct seed from F1 Hybrids ed will not produce the ts that are growing a little herwise you will end up t sense to collect seeds	
0.10	Brief introdu activity, the have a go	n Children	1.Once the s diffe what2.Dry s as di pods brow the s seed and Scru shak bags3.Seed cucu the s pape4.Seed last f lf the then emp5.Put t dry, to la	e the plant has flowered you seed. Below are just a few tip rent types but it obviously d t you have in your garden! seeds e.g. salad veg, rocket, II, fennel, caraway.) If the se s e.g. rocket, wait for the poo yn but collect before they dr seeds out and dry before sto Is aren't in pods, cut of the fl put them upside down in pa nch up the tops and give the e. The seeds should come ou	es on the epends on herbs (such eds grow in ds to go op. Empty ring. If the ower heads per bags. bags a ut into the es, squash, ed ripen in and remove kitchen as. Leave the thoroughly. and spread hey are dry, ecompletely ildy) seeds in	Baskets Envelopes Paper Bags Scissors Cutting knives suitable for children Chopping Boards Kitchen Towel For resources for seed organiser see page 17 & seed packets see page 19	
1.00	Leave						
Notes	For Instruct	ions for making	a Seed Organise	er see page 17.			





Things you will need
An assortment of small envelopes
Paper (can be scrap)
Pens, Marker pens Sticky tape
Old vegetable seed catalogues
Scissors
Glue
Washed plastic milk bottles –clear or white

- 1. To make your own packets. Cut an A4 piece of paper in half. Fold the two short sides of the paper to the middle and overlap slightly. Seal with tape. Fold up the bottom and tape again. Fold over the top, once the seeds and/or labels are inside. Then can be sealed with a strip of masking tape to allow resealing.
- 2. Decorate the envelopes with drawn pictures or pictures cut out from seed catalogues. The labels can be hand written or printed if you have access to computers. To make seed labels, cut out thin, rectangular strips from the milk bottles and write down the name of the seeds, pop them inside the envelope ready to be used.

				Session Plan 🏷	*	
Term		Summer/Autun		From June onwards	Week No	Ongoing
Subjec	ct	Preservation	- Drving Fr	uit & Vegetables		
Object		By the end of th 1. Unders 2. Unders 3. Drying	e session, ch stand that fru stand that it r is one metho	ildren will be able to: it & vegetables will become ro needs to be preserved in some od of preserving food.		T
TIME	CO	NTENT	DETAILS			RESOURCES
0.00	Arrive, regis changed, br introductior	ief	to go bad, so food is treat you may hav winter. But i is one of the it easy to pro- take the moi so depriving them from s percent of the does not des reconstitute eat every da	nd vegetables are picked, unless of they need to be eaten while f ed to prevent decay and then ve too many strawberries at or f you make the strawberries in e oldest ways to preserve food. eserve their foods simply by sp isture out of the food. Drying w micro-organisms of the moist poiling the food. Properly dries heir water removed. Because of stroy as many of the nutrients d by adding water or often sim y include raisins, plums and be ake packaged soups, coffee, te	fresh or be pre it can be kept nee to eat in M nto jam you ca People in war pacing their pre vorks by takin ure they need d fruits and ve drying does no as canning or nply eaten dry pef jerky. Dehy	eserved. Preserving is when for future use. For example, lay and then none in the n eat them all year. Drying rm, dry climates have found oduce out and letting the air g the water from the food to survive and stopping getables will have 80-90 t violently heat food, it cooking. Dried foods can be . Common dried foods we rdration (drawing out water)
0.10	Wash hands introduction	s, brief n to activities	dried. If it has to be oven d chillies, it can Oven Drying 1. Pick your 2. Remove a 3. Leave ber halve tomate also need to prevent ther 4. Place on a evenly space 5. Place in or open the do 6. Cook for s touch. 7. Allow to c 8. Put into a for up to 4 w Air Drying This is well s Chillies – Pla (not the kitc weeks. Or w eyes) thread somewhere Woody Herk	ripe fruit ny damaged ones, leaves etc a ries whole. De-stone and halve oes. Slice apples & strawberrie be de-cored and dipped in len m going brown (pat dry with te wire rack (best) or an oiled ba ed without them touching. ven at lowest temperature, oct or to lower the heat. several hours til it feels light & ompletely cool. irtight jars. Seal & store in cool veeks uited to chillies, herbs & de-po tee on a wire rack in a cool, dry hen as too damp due to steam earing gloves (keep hands wel I the chillies onto string and ha cool & dry. os - e.g. –Rosemary, sage, bay	ples, it needs ent e.g. impler. and wash. e plums & es. Apples non juice to ea towel). aking tray, casionally dry to the l, dark area odded beans y, airy place l) for a few l away from ing & marjoram.	Baskets or trugs Bowls of water Chopping boards Knives suitable for children (I have used normal table knives with a slightly serrated edge. They cut most veg except onions.) Apple corer Wire racks/Baking trays Oven Tea towels Air-tight jars String Needles (with blunt end if possible e.g. embroidery needles) Gloves (for chillies)
0.20 0.50	Children hav Tidy up, was change, Lea	sh hands,		unches & hang somewhere co		



Term		Autumn	Date	September	Week No	1	
Subjec	t	First Ever Intr	roductory Session				
		1. Be fam 2. Know r	of the session, children will be able to: familiar with a variety of fruit & vegetables ow more about the other children in the group familiar with the how the club is run				
TIME	COI	NTENT	DETAILS			RESOURCES	
0.00	Arrive, reg introductic	on to session	are you? – Alp comes up witl with the same Apple.) If child fruit/veg look ideas. First ch first child's na first two then	brief introduction to lead ohabet Memory Game – E n a fruit or vegetable that e letter as their name (eg dren need help coming up through seed catalogues, ild says their name, next of me then adds theirs, ther adds their own until the arden club leader) has to	ach child begins Amy with /books for child says n next says ast person	Seed catalogues, books	
0.10	Brief introduction to activities		collec back a famili outsic Get G 22 & 2 Get G attach	name necklaces (leader l ts at end of each session, at beginning of sessions u ar with names.) Don't we le (strangling hazard) rowing Gardening Bingo (23). rowing Gardening Survey ned sheet) able Sequencing Cards (se	hands ntil ar when see pages (see	Cardboard rectangles (label sized, with hole punched) String/wool, pens, pencils	
0.50	Tidy up, dis week		have a quiz to leader can rer bring with the	on - Collect in name neck see how many names ga nember! Say what they'll m next week e.g. wellies, old trousers. Tell children next week.	rden club need to		
1.00 Notes	good fun fo know abou	or the children b	ut should also also allow the	g Survey & Vegetable Seq allow the garden club le e garden leader to see ho	ader to see l	now much the children	



Things You Will Need:

Gardening Bingo Sheets (see page 23 – you can put in any questions you like, we have just put in a sample selection)

Pencils, Clipboards (if no access to tables)

- 1. This is an ice breaking activity and good in larger schools where the children might not be as familiar with each other. But regardless, it's a good way of finding out what the children know. Be prepared for it to be quite lively!
- 2. Each child has a bingo sheet & pencil, they then have to go around the rest of the group asking them the bingo questions, every time they get a yes to the question they write the person's name in the appropriate box (the same person can only be written in up to two different boxes.)
- 3. The first person who fills all the boxes says 'House' and is the winner!
- 4. Then discuss who's in the boxes. You can keep the sheets and play it again at the end of the year and see if anything has changed.

Vegetable Sequencing Cards

Things You Will Need

Vegetable sequencing cards (cut out & also laminated if you intend to re-use them.)

- Divide the children into groups of up to 4. Give each group 2 3 different vegetable groups (pictures from seed, seedling, plant harvested vegetables, to cooked vegetables). In some of the cooked vegetable groups there are two options, a straight photo of the cooked vegetable or a trickier one of the vegetable incorporated into something else e.g a cake, it's up to the leader which one to use, it depends on the age & ability of the children. Muddle up the cards.
- 2. The children then have to get each vegetable in the right order from seed up to cooked vegetable. It can be quite difficult, particularly for younger children, so they may need to be with older children or more experienced gardeners. They get two points for each card (one point for getting the picture in the correct vegetable group and one point for getting it in the right place in the sequence!) You can then give them a score.
- 3. You can repeat the game at the end of the year seeing how they did and compare their scores. It's a good way of measuring any progress they may have made.



	F : 1	et
Find someone who has eaten	Find someone who has made	Find someone who
broad beans. Write their	compost. Write their name	likes to eat peas. Write
name below	below	their name below
		0000000
Find someone who likes to	Find someone who likes to	Find someone who has
eat carrots. Write their name	eat potatoes. Write their	planted seeds. Write
below	name below	their name below
Find someone who eats	Find someone who likes	Find someone who has
garlic. Write their name below	digging. Write their name below	grown tomatoes. Write their name below



Term		Summer/Aut		From June onwards	Week No	Ongoing	
Subjec		•	uit & Vegetabl				
Objectives By		By the end of the session, children will be able to:					
				& vegetables will becom			
				eds to be preserved in so	me way if it is to	last longer	
TIME	<u> </u>	NTENT	DETAILS	d of preserving food.		RESOURCES	
IIIVIE		INTEINT	DETAILS			RESOURCES	
0.00	Arrive, regis changed, br introduction	ief	to go bad, so th food is treated example, you n in the winter. E Freezing is one biological proce (www.preserve few exceptions including cooki	ney need to be eaten wh to prevent decay and th may have too many straw But if you make the straw way to preserve food. It esses that slowly break de efood.com.) Nearly any for such as lettuce and raw ng or blanching (a very s	ile fresh or be pre en it can be kept /berries at once t /berries into jam works by stoppin lown a vegetable ood, raw and coo potatoes. Some hort, sharp boil w	o eat in May and then non- you can eat them all year. ng most of the chemical an once it is picked ked, can be frozen with a require special preparation	
0.10	Brief introd	uction to	-	ruit e.g. Strawberries, R	aspberries.		
	activities, w		Blueberries		· · · · · · · · · · · · · · · · · · ·	Baskets or trugs	
			 Removing a state of the state o	our ripe fruit ve any damaged ones, le the individual berries on e trays in a freezer freezer bags with name of the session spoon the fruit ed freezer bags and retur er. They should keep up t trables* neral methods, Raw free e food, such as French b months, tray freezing ca erwise try blanching re veg. Place in a pan of l ninutes if small, 4 minute and plunge into a bowl of event them from carrying again and pat dry. in labelled freezer bags a eezer. They should keep	a baking tray/s of fruit & date into the of months. zing & eans, is to be n be suitable, boiling water es if larger. of ice cold water g on cooking) and return to	Bowls of water Baking trays Freezer bags Marker pens Large pans Bowl with iced water Clean dry tea towels Freezer Bags Marker Pens	
0.20	Children ha	ve a go		, , ,	•		
0.50	Tidy up, was change						
1.00	Leave						
Notes	and others anything wi defrosted th variety of yo	are best incorp th a very high v ney will become our garden proe	orated into soups water content, suc e a mush! A good v duce, make predic		ber that freezing courgette & cucu uld be to get the o k best and then d	children to tray freeze a efrost at a later session	



Term		Any	Date	Week No	Any		
Subject		Growing Microgreens					
Objectiv	/es	1. Descr	he session, children will b ibe what is a microgreen a seed	e able to:			
TIME	C	ONTENT	DETAILS		RESOURCES		
0.00	changed,	gister, get brief tion to session	harvested when they ar they are approximately green, or herb can be gr simple to grow, and pro not much work. You car	, and it's much cheaper to grow			
0.10			 Fill a container Sow the seeds it's easier to misieved compos use a sprayer t Place your comat least four ho southight). If you south-facing w western-facing Do not let the s remove any we don't have to c and nutrients. 	Containers (should be at least 5cms deep. You can even use recycled plastic takeaway containers as long as you punch drainage holes in the bottom.) Drainage Trays Seeds (see notes below) Potting Compost Water Spray Labels/Pen/Chinagraph Pencil			
0.50	Tidy up, v change. I	wash hands,					
Notes	Varieties Daikon R Land Cre Radish gr the appro (http://w	to try - Amarant adish, Endive, G ss, Lettuce (any) eens, Rocket, Sa opriate time of y ww.suttons.co.t	arlic Chives, Golden Pursla , Linseed, Mibuna, Millet, Ilad Mix, Shungiku, Silverb ear for optimal germinatio Jk/Gardening/Vegetable+	ens, Beetroot, Broccoli, Buckwhe ne, Kale (try 'Cavolo Nero' or red- Mizuna, Mustard, Orach, Pak cho eet, Spinach, Sorrel, Sunflower Ta on of the seed. Suttons Seeds/Featured+Vegetable+Seed- cket Microgreens Seeds – Victoria	leaved types), Kohlrabi, i, Parsley, Peas, Perilla, itsoi, Watercress. Grow at +Ranges/Windowsill+Garde		
	are seed 2 weeks a You won' haven't h the plant	leaves, and don after planting. To 't be able to get ad much time to has no way to g	t look anything like the ac o harvest, simply snip the additional harvests from c o develop, and as you're si enerate new growth. You	ey've developed their first set of tr tual leaves of the plant), which is microgreens just above soil level. one planting of microgreens. This is hipping off everything except the can plant another crop after harv to remove the old roots; they are	generally about 10 days to s because the plants very bottom of the stem, est by simply scattering		



Term	m Autumn		Date	Any time	Week No	
Subject Pot Cleaning			g - INSIDE/OUT	SIDE		
1. Unde			ildren will be able to: need to tidy up ment			
TIME	CC	DNTENT	DETAILS			RESOURCES
0.00	changed,	gister, get brief ion to session	safe places fo pests & diseas	t to tidy up gardens to ma r people & also to make s ses aren't harboured in th t seedlings in the spring.	ure that	
0.10	Brief introduction to activities		 Knock Clean Rinse Allow dry w Wher If you 	c out any old soil (outside in buckets of warm soap in clean water. to drain if space allows, o ith old tea towels. I finished stack them tidil have storage space, child n & label shelves for diffe	y water. otherwise y away. dren could	Buckets of warm soapy water, (waterproof painting aprons (optional) Small scrubbing brushes or old toothbrushes Disinfectant spray (for recipe see page 17) Old tea towels
0.20	Children l	nave a go				
0.50	Tidy up, v change	vash hands,				
1.00 Notes	si d si o U fo tl	ort them. Is it i iameter of eac tack of pots wi r a half sized p se coloured ho or each size. Th	useful to sort t th pot with a ru th a sticky labe ot; deep or sh pops and sort s nen look for in	e for smaller children. hem by colour? If you a uler so that you know w el. Ask the children to n allow? some of the pots into a tersecting sets, pots in then try sorting pots b	are sorting hat size ea ote whethe 3D Venn di half sizes fo	by size, measure the ch pot is. Label each er it is a full sized pot agram. Try single sets or example but with



Term Subject	t	Summer/Autur Preserving -	Jam	From May onwards	Week No	Ongoing
1. Und 2. Und			rstand that fruit rstand that it ne	Iren will be able to: & vegetables will become eds to be preserved in son thod of preserving food.		last longer
TIME	cc	ONTENT	DETAILS			RESOURCES
0.00	Arrive, regi changed, b introductio wash hand	rief n to session,	to go bad, so t food is treated example, you in the winter. Making Jam - desiccates (dri Due to its high are maple syru because it has (returns water	hey need to be eaten whil I to prevent decay and the may have too many strawl But if you make the strawl	e fresh or be pro n it can be kept perries at once t perries into jam ation sugar can crobes e.g. bacte xample of a sug hy jam can go m oisture in the ain ore -	o eat in May and then non you can eat them all year. be a preservative because eria, slowing their growth. ar-based preservative, as houldy on the top layer is r which re-hydrates
0.10	0.10 Making Jam together		 Warning! JAM MAKING INVOLVES COOKING AT HIGH TEMPERATURES, EXTRA CARE IS NEEDED! Easy Microwave Jam Recipe (www.allotment.org.uk) Sterilise your jam jars by washing them thoroughly in hot, soapy water. Then place them in a moderate oven (250°F/120°C/gas mark 1) until they are dry. Place a saucer in the freezer. Wash and prepare fruit and place in a LARGE microwavable bowl with lemon juice. Microwave on high for 4-5 minutes until fruit softens slightly. Stir in sugar and microwave on high for 20 minutes stirring occasionally. Drop small amount onto cold saucer and check for setting point(for more info see 4 on hob top method.) It will be slightly thinner than normal. Add 5 minutes more cooking on high if necessary (can vary for different fruits). Leave to stand for 5 minutes. Spoon into hot sterilised jars, seal and label. Should make 2 average sized jam jars. Warning! JAM MAKING INVOLVES COOKING AT HIGH TEMPERATURES, EXTRA CARE IS NEEDED! Bargemicrowave (an vary for different fruits). 			
0.50	Tidy up, wa change	ish hands,				
1.00	Leave					
Notes	We have of and they ar seem runni works well	re relatively porta ier than normal b	ble, so can be n ut cooking cont	noved to where you are ho	lding the garder and it sets well	once in jars and cooled. It



Term Subject Objectives		Autumn	Date	From September onwards	Week No		
		Preserving – Chutneys By the end of the session, children will be able to: 1. Understand that fruit & vegetables will become rotten if left 2. Understand that it needs to be preserved in some way if it is to last longer 3. Making chutney is one method of preserving food.					
TIME	CO	NTENT	DETAILS			RESOURCES	
0.00	Arrive, regis changed, br introductior wash hands	rief n to session,	Once fruit and vegetables are picked, unless they are eaten quickly, they will begin to go bad, so they need to be eaten while fresh or be preserved . Preserving is when food is treated to prevent decay and then it can be kept for future use. For example, you may have too many strawberries at once to eat in May and then none in the winter. But if you make the strawberries into jam you can eat them all year. Preserving with Vinegar (Pickling) Vinegar contains acetic acid, but is not considered a harmful chemical and is used commonly as a natural food preservative. It is the acetic acid that kills microbes e.g. bacteria and slows down food spoilage. There are different types of vinegar depending upon the sugar base				
0.10	Making No Cook Chutney all together		food spoilage. There are different types of vinegar depending upon the sug from which they have been made.IngredientsNo-Cook apple chutney (www.edibleplayground.co.uk)Ingredients1. Peel, core and then grate the apples. Adding a squeeze of lemon juice to the grated apple to prevent it turning brown.Per pair of childr2. Grate the onions (have a spoon ready to suck so there are no tears!)2 small or 1 large (around 200g)3. Very finely chop the dates and cut the sultanas in half.50g sultanas4. Put the fruit and onions in a large ceramic bowl, add the sugar and vinegar and stir well. Cover with a cloth.200g soft brown 260ml malt vineg Scales5. Leave in a cool place for 3 days*. Stir every day.Apple peelers Graters			Per pair of children 1 large cooking apple (around 200g) 2 small or 1 large onion (around 200g) 150g dates 50g sultanas 200g soft brown sugar 260ml malt vinegar Scales Apple peelers Graters Chopping knives & boards Large bowls Tea towels Spoons Oven Jars	
0.50	Tidy up, was change	sh hands,					
1.00	Leave						
Notes	* At bri chi	ng it back the nex ildren. Alternative	t week for the ly, you could a		t home in sealed	vered mixture home and plastic containers with the ould get the children to stir	



Term		Autumn	Date	October onwards	Week No			
Subject		Planting Au	tumn Garlic					
Objectives		-		dren will be able to:				
	Plant garlic cloves correctly							
			_					
TIME	СО	NTENT	DETAILS			RESOURCES		
0.00	Arrive, register, get changed, brief introduction to session		Garlic belongs to the onion family. Its close relatives include the onion, shallot, leek & chive. It's thought to have originated from Central Asia. It is mainly used to flavour food but has lots of medicinal qualities and is believed to kill microbes such as bacteria. It was known to the Egyptians and the sticky juice within the cloves is used as an adhesive in mending glass and porcelain in China (Wikipedia.) China is currently the biggest producer of garlic. Plant garlic cloves in midwinter (ideally before Christmas) in a sunny, well-drained place to ensure your best harvest the following summer. In mild regions, the cloves can be planted out in prepared ground or simply plant into seed trays and set out the usual plants in Marsh					
0.10 Brief introdu activity, then have a go			can be planted out in prepared ground or simply plant into seed tray the young plants in March.Garlic bulk1.Pass around the cloves of garlic so the children can see them - look at size and shape - they are like the ones used for cooking but specially bred so that they are free of disease. You can try planting ones bought from the supermarket but the results may not be as good. (Could do a trial to compare.)Garlic bulk Seed Trays Dibber/ma cane for spPrepare the ground. It should be fertile but not recently manured. Dig it lightly & rake. Remove any large stones & lumps.Watering or You can re growth on		Trowels Seed Trays Dibber/marked garden cane for spacing			
0.50	Tidy up, wa	sh hands,						
	change							
1.00	Leave	-	<u> </u>					
Notes	Harvesting (June - August) Harvest when the leaves sta be. Use it immediately. For Record Sheet see website.		tart to turn yellov r more info see w					



Term		Autumn	Date	September	Week No		
Subject	:		tumn Onion Set				
Objecti	ives	By the end of					
		t onions correctly	/				
TIME	CO	NTENT	DETAILS			RESOURCES	
0.00	.00 Arrive, register, get changed, brief introduction to session		 Onions belongs to the Alliaceae (onion) family! Its close relatives include garlic, shallot, leek & chive. It's thought to have originated from Central Asia. There is a lot of historical evidence regarding the onion. It has been found in pyramids and the Egyptians worshipped them! It was also used by Greek athletes 'to lighten the blood' and Roman gladiators to firm up their muscles. It is mainly used to flavour food but they also are reputed to have lots of medicinal qualities such as reducing inflammation from bee stings & killing microbes such as bacteria (Wikipedia.) Common onions are normally available in three colours: yellow, red, and white. China is currently the biggest producer. Onions can either be grown from seeds or sets (tiny bulbs). Seeds are cheaper but more labour intensive and they are more prone to disease. Sets are easier, ready earlier & less prone to disease. Also they are more forgiving of less than perfect soil (could do a seed v set trial to compare). Like sunny, well aired place with medium rich soil (dislikes fresh manure) that holds water but has good drainage. Avoid sets that are 2cm or larger as they are prone to bolt (go to seed early). Radar & Buffalo are good varieties as is Electric (red.) 				
0.10	Brief introduction to activity, then Children have a go		 Pass around the onion sets so the children can see them (look at size and shape – they look a bit like the ones we eat but smaller.) Prepare the ground. It should be fertile but not recently manured. Dig it lightly & rake. Remove any large stones & lumps. Weed. Gently push the sets into the soil (approx 2cm deep) pointed end up & so that the tip of each one is just below the surface. Plant 10- 15cm apart, allowing 30cm between rows. Water well initially. If you have any left-over sets they can be planted so they are almost touching and the young green leaves cut as spring onions Make sure that they are kept weed free (as onions are shallow rooted they cannot cope with competition so may bolt.) Once they are established they do not need a lot of watering unless they show signs of wilting. 			Onion sets Spades/ Forks Rake Trowels Dibber/marked garden cane for spacing Labels Watering can You can record the progress of the onion growth on our Record Sheet (see website)	
0.50	Tidy up, wa change	sh hands,					
1.00	Leave						
Notes	Harvesting	(May - June)					
	Harvest when the stems sta from underneath while pulli you want to make an onion Make an Onion Rope – Cut undamaged onions otherwi bottom, then wind their lea with each new onion resting somewhere dry. For Garder		lling the bulb from n Rope, see below t a 60 – 75cm len vise they may spruaves firmly up the ng on the one bel	m the neck. If possibl v. gth of sturdy, natura ead mould to the oth e string. Then add tw ow until you reach th	e leave to dry in the su I-fibre garden twine. M lers in the rope. Firmly o more on top followi	un. Leave on the leaves if Make sure that you only use I tie in two onions at the ng the same procedure	



Term		Autumn	Date	October - December	Week No	
Subject		Sowing Bro	ad Beans			
Objecti	ves	By the end of	the session, chil	dren will be able to:		
• Id		• Iden	tify what is a leg	ume		
TIME	CO	NTENT	DETAILS			RESOURCES
0.00Arrive, register, get changed, brief introduction to session0.10Brief introduction to activity, then Children have a go		Broad beans (sometimes also known as fava beans) are among the most ancient plants in cultivation and also among the easiest to grow. It is believed that along with lentils, peas, and chickpeas, they became part of the eastern Mediterranean diet in around 6000 BC or earlier. They are legumes (plants which have special bacteria in their roots which help it 'fix' or get nitrogen from the air. Nitrogen is a fertiliser and so helps the bean plant to grow). Well-known legumes include alfalfa clover, peas, beans, lentils, lupins, carob, soy, and peanuts. Because broad beans are hardy they can be sown in the autumn or spring. If they are sown in the autum they hopefully should avoid the blackfly in the spring (when they are a real pest).but they do run the risk of being lost in very hard winters. However, if they are killed, you can do another sowing in the spring. Best autumn planting varieties Super Aquadulce, Aquadulce Claudia & The Sutton. They like sunny, sheltered positions.				
		 the dried version of the bean that you eat.) Prepare the soil where you are going to plant the beans. It needs to be dug over and either leaf mould or well rotted manure added. Sow the beans 5cm deep and 23cm apart in staggered blocks Water Water Or alternatively plant in pots and then plant out as young plants Sow 1 bean per 7cm pot Water & place in a frost-free place but avoid heated places as they won't germinate. Sutton Beans Sutton Beans Spades/ Forks Leaf mould or well r manure Dibber or cane with & 23cm marked on Pots Labels Watering can You can record the progress of the bea growth on our Record 			Aquadulce Claudia or The Sutton Beans Spades/ Forks Leaf mould or well rotted manure Dibber or cane with 5cm & 23cm marked on it Pots Labels Watering can	
0.50	Tidy up, wa change	sh hands,				
1.00	Leave					
Notes					or steam them as a leaf sease. ing or breaking and pods amboo with string to pecially on windy or small	
	See Drying	session plan fo	r how to store (p	20.) For Gardening Club R	ecord Sheet see	e website.



Term		Autumn	Date	Sept – Early Nov	Week No			
Objectives By the end 1. U 2. U		Storing Apples						
		By the end o 1. Unc 2. Unc	f the session, o lerstand the di lerstand that o htify the ideal s					
TIME	СО	NTENT	DETAILS			RESOURCES		
0.00	Arrive, register, get changed, brief introduction to session		stored who storing app which are mould to t Any that a	be eaten straight away, us ble ready to be used at a lat bles it is important that you undamaged, otherwise the he others (hence phrase 'o re slightly damaged can be ly for cooking or juicing.				
0.10	Clean & wrap the apples		 Wash & dry the apples. Wrap individual eating apples in tissue paper or cooking apples in newspaper (to stop them drying out) then place in a tray/ box with plenty of ventilation gaps. The apples can touch. The cardboard fruit trays with indentations that you find in supermarkets are ideal to help add separate layers. 		Bowls, water, tea towels Old newspapers, tissue paper Supermarket cardboard fruit trays Crates/boxes with plenty of air gaps			
0.45	Take apples to suitable storage site		The boxes of apples then need to be taken somewhere cool (below 10°C) and dry. They also need to be stored where 'wildlife' (ie rats & mice!) can't get at them.		Suitable store			
0.50	Tidy up, wash hands, change. Leave							
Notes				-	•			



Term Subject Objectives		Autumn	Date	September	Week No		
		By the end of 1. Ident 2. Pot u	Potting up Strawberry Runners By the end of the session, children will be able to: 1. Identify that plants can reproduce by sending out runners 2. Pot up strawberry runners				
TIME	COI	NTENT	DETAILS			RESOURCES	
0.00	Arrive, reg changed, b introductic	-	Show a strawberry plant with a runner coming off it. Explain that strawberries reproduce by sending out stems or 'stolons'* at the end of which new, small plants called runners form. These can then be planted and you get a new plant. Constantly getting new plants is great because strawberry plants only crop well for 3 – 4 years, after which time they need to be replaced.			Strawberry plant with runner	
0.10	Brief introduction to activity		 Demonstrate how to pot up a runner. Choose 4 or 5 of the healthiest runners from each plant. Remove any others. If runners are rooted, dig up and pot. If they are unrooted, fill up a small pot with compost, place runner on top of compost and anchor in with wire (shaped like upside down u) or with an opened up paper clip with the top broken off. Once the runners are rooted cut the stolon* & plant out. 		Trowel Wire/paper clips Soil Pots		
0.20	Children have a go		As above. Once the plants are potted children can label (and take home if desired) then water in well.		Trowels, wire/paper clips. Soil, pots, watering cans, labels		
0.50	Tidy up, wash hands, change						
1.00 Notes	Leave * A stolon is a ho		ability to pro	from a plant that gr duce new clones (ic	•	or below the soil nt plant) of the same	