rea of	Aspect of	Key Learning	Support for	Autumn 1	Autumn 2 Shine	Spring 1	Spring 2	Summer 1	Summer 2	CoEL
earning	learning Subject Specific	(Skills, knowledge and concepts)	Key Learning	Marvellous Me	Bright (Colour and Light)	Weather	Growth and Farming	Traditional Tales	Journeys	
Personal, Social and Emotional Development	Self-regulation	Children should be supported to manage emotions, develop a positive sense of self, set themselves simple goals, have confidence in their own abilities, to persist and wait for what they want and direct attention as necessary.	NELI Com friendly spaces Taking responsibility Cont. Provision	New Beginnings See themselves as a valuable individual. Being me in my world Setting, Rules and Routines Rights and Responsibilities Supporting children to build relationships Healthy me Dreams and Goals	Getting on and falling out. How to deal with emotions Self - Confidence Build constructive and respectful relationships. Ask children to explain to others how they thought about a problem or an emotion and how they dealt with it.	Good to be me Feelings Learning about our qualities and differences Celebrating differences. Identify and moderate their own feelings socially and emotionally. Encourage them to think about their own feelings and those of others by giving explicit examples of how others might feel in particular scenarios. Being a good friend	Relationships What makes a good friend? Random acts of Kindness Looking after pets Looking After our Planet – litter/ocean/climate change Give children strategies for staying calm in the face of fustration. Talk them through why we take turns, wait politely, tidy up after ourselves and so on	Looking after others. Friendships Dreams and Goals Show resilience and perseverance in the face of challenge. Discuss why we take turns, wait politely, and tidy up after ourselves and so on. Looking After our Planet - pollution	Taking part in sports day - Winning and loosing Changing me Look how far I've come! Model positive behaviour and highlight exemplary behaviour of children in class, narrating what was kind and considerate about the behaviour. Looking After our Planet - plastic	Frughry and Exporting Fruming one and Exporting, Frughry war when when deeping on trying, willing to have a go Active Learning- Being involved and concentrating, Keeping on trying, Enjoying achieving, Creating and Thinking Critically- Having their own ideas, Making links, Choosing ways of doing things.
	Managing Self	Adult modelling and guidance, they will leam how to look after their bodies, including healthy eating, and manage personal needs independently.	Times to talk Routines Books. and stories Cont. Prov. Visits /visitor	Express their feelings- share and show how they feel Manage – adapt behaviour to new routine Provide regular reminders about thorough handwashing and toileting.	Communication – recall experiences Understand how others feel share experiences similar and different	Communication – own needs and listen to others	Express feelings – pride in achievements	Manage – work with and negotiate with others Understand how others feels empathy	Manage – adapt behaviour for new transition situation Understand feelings about transition	- Being involved, r my v - Being involved, and c inking Critically- Havi
	Building Relationships	Supported interaction with other children, they learn how to make good friendships, co-operate and resolve conflicts. peaceably. Communication Friendly. Spaces.	Rules/ routine Working together Talking tubs Stories Puppets /role play	Build new friendships. Work together – understand simple rules.	Working together collaboration tasks (focus on sharing and turn taking).	Social skills and positive interactions with others-visitors.	Use language in play. Communication – explain own knowledge and understanding.	Work together collaboration and being, considerate to the needs of others.	Work together – take on other's ideas. Use language – planning play	ng their own ideas, M
	PSHE SCARF: Safety, Caring, Achievement, Resilience and Friendship Promotes positive behaviour, mental health, wellbeing, resilience and achievement			Me and my relationships	Keeping myself safe	Valuing Difference	Being my best	Growing and changing	Rights and Responsibilities	om trying, aking links,

Area of Learning	Aspect of learning Subject	Key Learning (Skills, knowledge and concepts)	Support for Key Learning	Autumn 1 Marvellous Me	Autumn 2 Shine Bright Colour and Light	Spring 1 Weather	Spring 2 Growth and Farming	Summer 1 Traditional Tales	Summer 2 Journeys	CơEL
	Specific				ç		0			
nguage	Listening and Attention	Listen Attention Respond Communication	Daily routine Times to talk Story times Games Cont. Prov.	Learning, routines / transition signals. Communication Engage in conversation. Making. Friends.	Communication about familiar people and events. Following, instructions. LFT Listening to others. Talk partners.	Maintain attention with visitors. Responds appropriately LFT	Two channelled attention. Respond to others with relevant comments.	Listen to stories with enjoyment and respond. Communicate about characters in stories.	Listen in new situations and in larger groups	Playing, and Exploring- what they know, Being involved, and concentra Creating, and Thinking, Links, Chorosing, ways o
Communication and Language	Understanding ng	Respond to Follow Respond to and answer questions	Communication Friendly Spaces High quality adult interactions DAILY STORY TIME.	Respond to 'where', 'how', 'why' questions about self. Follow instructions Feelings, friendships	Respond to events and provocations. Following instructions LFT.	Respond to and ask questions- visits and visitors. Respond to and interact with others in role play. No Tooting.	Follow complex instructions in planting.	Respond to and answer 'how' and 'why' questions in response to stories. Ask and answer how and why questions about the wider world in which they live	Respond to and answer questions in response to ideas and events	y- Finding out g willing to h atting, Keeping g Critically- Hc of doing thing
CG	Speaking,	Speaking Questioning Vocabulary Communication Uses Tenses Reasoning Clarify Thinking Narrative Rhyming Alliteration Oral story telling Nursery Rhymes		Answering questions. Speaking in sentences about me and my life at home Modelling talk: Good Morning how are you? Learn rhymes and stories.	Vocabulary-cultural events/ celebrations. Communication- take turns to listen and speak in performance. Tell me a story- oral story telling.	Vocabulary – occupations. Asking questions to unfamiliar people. Narrative – focus on role play storylines Ask How and Why questions. Oral story telling. Describing in detail.	Vocabulary- growth. Uses tenses in conversations. Reasoning-why things happen.	Narrative-use language of traditional tales to imagine and recreate ideas. Speaking in sentences with many details. Re-read some books so children learn the language necessary to talk about what is happening in each illustration and relate it to their own lives Develop Vocab	Vocabulary- Jacts and information. Clarify thinking through talk to connect ideas. Future tense- Transition. Develop Vocab	ut and Exploring, Playing with have a go Active Learning- Being ng on trying, Enjoying achieving. Having their own ideas, Making ings.
Why/ Research?	early age form t environment is a effectively. Read words in a rang	he foundations for la crucial. By commentin ling frequently to child	rguage and cogni g on what childre Iren, and engagin e children the opp	tive development. Th n are interested in or g them actively in st ortunity to thrive. Th	e number and quali r doing and echoing cories, non-fiction, r vrough conversation	ty of the conversati , back what they say hymes and poems, , story-telling and r	ons they have with a y with new vocabula and then providing t ole play, where child	levelopment. Children's idults and peers throug iry added, practitioners hem with extensive opp Iren share their ideas w iguage structures.	hout the day in a l will build children' portunities to use ar	anguage-rich 's language 1d embed new

Area of	Aspect of	Key Learning	Support for	Autumn 1	Autumn 2Shine	Spring 1	Spring 2	Summer 1	Summer 2	CoEL
Learning	learning Subject	(Skills, knowledge and concepts)	Key Learning	Marvellous Me Spatial	Bright Colour and Light	Weather Movement:	Growth and Farming	Traditional Tales Ball Skills	Journeys Mini	
	Specific			Awareness	Apparatus -	Dance Until you	Movement:		Olympics/Team	
				Moving in	Gymnastics and	drop	Dance Until you		Games Team	
				different ways.	Apparatus		drop		races	
	Gross Motor	Fundamental movement	Gross Motor Skills	Travelling Moving in range of	Obstacle activities	Language and	Language and	Jumping Use of tools	Balancing and	
	Skills	skills Gross motor skills Spatial Aware Safety Aware FMS, manipulation and hand eye coordination	and Movement Safety Awareness Apparatus FMS, manipulation and hand eye	ways, negotiating, space Emergent construction kit Cooperation games i.e. parachute games.	children moving over, under, through and around equipment Encourage children to be highly active and	dynamics in movement inc. dance Variety of malleable materials Ball skills- aiming,	dynamics in movement inc. dance Variety of malleable materials Balance- children	Interacting with small apparatus to roll, throw, catch, kick Ball skills- throwing and	climbing equipment High level construction kits Responsibility for carrying equipment	Playing and Exploring know, Being willing to concentrating, Keeping Critically- Having their
		Apparatus Language of Movement	coordination Hand writing	Climbing – outdoor equipment Different ways of moving to be explored	get out of breath several times every day. Provide opportunities for	dribbling, pushing, throwing & catching, patting, or kicking Ensure that spaces are	moving with confidence dance related activities Provide opportunities	catching	safely. Races / team games involving gross motor movements	g and Exploring- Findin Being willing to have a trating, Keeping on tryi lly- Having their own id
			nunu wrung	with children Yoga /outdoors Provide a range of	children to, spin, rock, tilt, fall, slide and bounce.	accessible to children with varying confidence levels, skills and needs.	for children to, spin, rock, tilt, fall, slide and bounce.		dance related activities	ring-Fin Grochav ping on their ow
÷				wheeled resources for children to balance, sit or ride on, or pull and push. Pedal bikes, scooters, skateboards,	Dance / moving to music Crates play- climbing. Skipping ropes in outside area	skius and needs.				iding out re a go Ac trying, Er n ideas, N
men				wheelbarrows.	dance related activities					and tive 1aki
Physical Development	Fine Motor Skills	Handwriting Development Movement of body parts. Strength Pencil Grip. Control of Writing tools and equipment Letter formation		Upper body strength activities Continuous provision malleable play, range of tools. Letter formation Threading, cutting, weaving, playdough, Fine Motor activities. Manipulate ohjects with good fine motor skills Draw lines and circles using fine motor movements Hold pencil/paint	Threading, cutting, weaving, playdough, Fine Motor activities. Develop muscle tome to put pencil pressure on paper Use a range of tools to effect changes to materials Show preference for dominant hand Engage children in structured activities: guide them in what to draw, write or copy. Mark making / letter formation	Threading, cutting, weaving, playdough, Fine Motor activities. Begin to form letters correctly. Handle tools, objects, construction and malleable materials with increasing control. Pouring, sieving, filling and emptying using a range of utensils Encourage children to	Threading, cutting, weaving, playdough, folding. Fine Motor activities. Hold pencil effectively with comfortable grip Mark making Forms recognisable letters most correctly formed Cut along a straight line with scissors / Construction – develop precision	Threading, cutting, weaving, playdough, Fine Motor activities. Develop pencil grip and letter formation continually. Use one hand consistently, for fine motor tasks Cut along a straight line with scissors / Start to cut along a curved line, like a circle / Draw a cross Construction - develop precision Forming capital letters	Size and position of letter Threading, cutting, weaving, playdough, Fine Motor activities. Mark making /Form letters correctly Copy a square Begin to draw diagonal lines, like in a triangle / Start to colour inside the lines of a picture Start to draw pictures that are recognisable Build things with	rd Exploring- Finding out and Exploring, Playing with what they ng willing to have a go Active Learning- Being involved and ing, Keeping on trying, Enjoying achieving. Creating and Thinking Having their own ideas, Making links, Choosing ways of doing things
				brush beyond whole hand grasp/tripod Pencil Grip – develop pencil grip		draw freely. Holding Small Items / Button Clothing			smaller linking blocks, such as Duplo or Mobilo	g ungs,
Why/Resear ch?	sensory explora develop their co development an	tions and the developmer re strength, stability, bal d control in time influenc	rt of a child's streng ance, spatial awarer es and supports Fin	th, co-ordination and p less, co-ordination and e motor control. Repeate	ositional awareness. By agility. Gross motor sk ed and varied opportun	f creating games and p ills provide the foundat ities to explore and pla	providing opportunities f tion for developing heal y with small world acti	levelop incrementally thron For play both indoors and of thy bodies and social and vities, construction toys, p making and writing skills.	rutdoors, adults can si emotional well-being.	ipport children to Gross Motor

Area of	Aspect of	Key Learning (Skills,	Support for Key	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	CoEL		
Learning	learning	knowledge and	Learning	Marvellous Me	Shine Bright	Weather	Growth and	Traditional Tales	Journeys			
	Subject	concepts)			Colour and		Farming					
	Specific				Light							
	Reading,	Phonics Word Reading	Essential Letters and Sounds Scheme??		Systematic Phonics Essential Letters and Sounds							
		Comprehension	Progression of Books Talk for Writing	Rhythmic games and recognising rhymes, handling boot Read name	Make choices about stony time. Features of a book, new vocabulary. Talk Through Stories	Word reading/Comp. - Non-fiction texts, new vocabulary and forms of speech Reads common exception words.	Comprehension New vocabulary	Comprehension - Recall main events for retelling, character empathy	Comprehension - Talk with others about what they have read Read simple sentences	Playing and Exploring- Finding (know, Being willing to have a go concentrating, Keeping on trying, Thinking Critically- Having their of doing things.		
Literacy	Writing,	Emergent writing Composition (vocabulary, grammar, punctuation) Transcription (spelling/handwriting) Handwriting,	Emergent writing Composition (vocabulary, grammar, punctuation) Transcription (spelling/handwriting) Handwriting,	Dominant hand, tripod grip, mark making, giving, meaning to marks and labelling. Shopping lists Writing initial sounds and simple captions Illustration and captions Illustration and captions Lists Name writing Invitations	Composition – sequencing, Transcription – CVC words. Retell story and innovate/invent Write a character description Retell/Sequence the story, labelling story map using initial sounds, story scribing/sharing. Support writing process as required – prompts/sound talk/action Begin to write sentence/ Xmas. Card greeting.	Composition-texts for different purposes. Writing some of phase 2/3 tricky words Writing CVC words, Labels using CVC, CVCC, CCVC words. Guided writing based around developing short sentences in a meaningful context. Map the story, work through imitation, invortion and invention(oral) Instructions Letter	Transcription - correctly formed letters, Composition - early grammar /punctuation Creating own story maps, writing captions and labels, writing simple sentences. Order the Easter story. Labels and captions - life cycles Recount - weekend Persuasive language / create poster - reduce, reuse, recycle Easter Card greeting Name writing	Transcription – capital letters, Composition – narrative, use story language in writing. Writing for a purpose in role play using phometically plausible attempts at words, beginning to use finger spaces. Form lower-case and capital letters correctly. Rhyming words. Acrostic poem	In addition to systematic phonics: Transcription – size and position of letters. Story writing, writing sentences using a range of tricky words that are spelt correctly. Use full stops, capital letters and finger spaces. Using familiar texts as a model for writing own stories. Create information text -	Playing and Exploring- Finding out and Exploring, Playing with what they know, Being willing to have a go Active Learning- Being involved and concentrating, Keeping on trying, Enjoying achieving. Creating and Thinking Critically- Having their own ideas, Making links, Choosing ways of doing things.		
Research/WHY?	reading and rhymes, poe	for children to develop a lif writing) starts from birth. ms and songs together. Ski If familiar printed words. V	It only develops when ad lled word reading, taught	ults talk with child later, involves bo	two dimensions: la dren about the wo th the speedy worl	'ld around them an zing out of the pror	nsion and word rea d the books (stories unciation of unfan	s and non-fiction) th riliar printed words (ey read with them decoding) and the	, and enjoy speedy		

Area of Learning	Aspect of learning Subject Specific	Key Learning (Skills, knowledge and concepts)	Support for Key Learning	Autumn 1 Marvellous Me	Autumn 2 Shine Bright Colour and Light	Spring 1 Weather	Spring 2 Growth and Farming	Summer 1 Traditional Tales	Summer 2 Journeys	CơEL
	Numbers.	Number Numerical Patterns Rote counting Recognition Counting objects Sense Ordinal numbers Fractions Calculating Graphics Vocabulary				Mastery of maths 'ose/Number block	s planning			Playing and Exploring- Finding out and Exploring, Pl willing to have a go Active Learning- Being involved o Enjoying achieving. Creating and Thinking Critically- Choosing ways of doing things.
Mathematics	Shape, Space and Measures	Shape Space Distance Volume/ Capacity Weight Money Time								aying with what ti ind concentrating, Having their own
	confidently, opportunities secure base develop their	develop a deep understan s to build and apply this i of knowledge and vocabu spatial reasoning skills a	ther is essential so that al ding of the numbers to 10 understanding such as u lary from which mastery icross all areas of mathen relationships, spot conne	, the relationships sing manipulatives of mathematics is l vatics including sho	between them and , including small puilt. In addition, upe, space and me	l the patterns with acorns and tens fr it is important tha asures. It is impor	in those numbers. ames for organisin t the curriculum in tant that children o	By providing frequent g counting - children cludes rich opportunit levelop positive attitu	and varied will develop a ies for children to des and interests	e. 7 m

rea of carning	Aspect of learning Subject Specific	Key Learning (Skills, knowledge and concepts)	Support for Key Learning	Autumn 1 Marvellous Me	Autumn 2 Shine Bright Colour and Light	Spring 1 Weather	Spring 2 Growth and Farming	Summer 1 Traditional Tales	Summer 2 Journeys
	Past and Present	Historical Development Communication Observe Describe Research Chronology, Vocabulary,	People themselves their own family, friends and other people. Ohjects Events Place	Communication and vocabulary – all about me Weekly routines Observe – household items	Describe and research – how do we remember, find out about other's. lives Sequence changes in environment	Observe – show interest in the lives of people around them	Chronology and vocabulary – own timeline, plant growth diary, Research – baby items, toys now and then (differences)	Revisiting places and events	Describe and compare objects
					Time q	rf the day, Time lines, se	quencing events and daily	j calendar	
	People, Culture and Communities	Cultures and Beließs Communication Respect Observe Describe Research Vocabulary	Diversity, People themselves, their own Jamily, friends and other people. Objects Events Places	Communication – Jamily and friends. Observe and describe – mini me's to identify differences Respect – themselves and special things in their lives	Observe, describe, respect and research event - Christmas, Divali, Remembrance Day, Children in Need Communication – differences in religion/way of life Respect – other people, their ideas, traditions & beliefs	Observe and research - community visitors and their artefacts, ask different types of questions, role of charities and ways to help the community Places - visits to see people at work Chinese New Year, Valentine's Day	Observe, describe, respect and research – Fairtrade Research production and consider similarities and differences in way of lives and living conditions of other people around the world	Research – traditional tales from other countries Observe and respect place – getting to know the local wood	Transition, routines and change. Vocabulary of respect and cooperation.
		RE; WE follow the Gloucestershire $Agreed$ Syllabus		Special People What makes people Special?	Christmas What is Christmas?	Celebrations How do people celebrate?	Easter What is Easter?	Story time What can we learn from stories	Special Places What makes people special?
e World	The Natural World	Working Scientifically Explore/Observe Describe Record Questioning Explain Research Equipment and Measures Compare/sort/ group/identify/classify Test Vocabulary	Plants Animals (humans) Animals (besides humans) Erviron. Materials Light Sound Forces	Animals (humans)- Body parts, features, senses	Light- Light and dark, rainbows and bubbles, shadows. Environment colour changes in the environment. Nocturnal animals of the forest of Dean.	Animals (humans and other animals)- Animal needs, caring for animals and humans, visitors to find out about world.	Weather Plants / Animals / Environment (beyond local area)- Sorting seeds, growing plants from seeds, growth in woodland/fam animals, human timelines, baby toys	Materials- Exploring, material properties, uses and changes with heat. Exploring, water	Environments (local and beyond) - Minibeasts and habitats.
the					Env	vironment- Seasonal chan	ge (natural world and w	eather)	•
Understanding the World		Geographical Development Communication Mapping Fieldwork Enquiry, Use of Technology	Maps Seasons/ Weather Human Features Physical Features of other places in the wider world	Our neighbourhood Maps and human Jeatures – photos (including aerial photos) of homes, school and neighbourhood, experience and talk about map of our neighbourhood	Physical features - experience of local environment with trip to woods and post-box Seasons and weather - Autumn changes, changes in daylight. Nocturnal animals of the forest of Dean.	Human features – Local community and places of work Maps- creating map of fire safety in schoot using photos/ symbols on schoot plan, use Beebot play mats directional language	Features of other places – farm, Fairtrade links to other countries and journey of banana, similarities/ differences in places Seasons – spring patterns and changes	Maps - use real maps to track journey of Gingerbread man, draw journey routes with trip to woods, draw story maps, create own Beebot play mats Looking at places in the wider world	Physical features – use technology in fieldwork looking at physical features of school grounds for minibeast hunt Seasons – summer pattems and changes
2		owledge linked to IT Text and	https://www.purplemash.com/				1		1
lech	Digital Imagery Aud Sensors Online Safet	io Data Handling Using y and Modelling	Purple Mash Computing SOW is	s designed to be used ac	ross all areas of learning	. EG Simple City can sup	port Speaking, 2 Paint ca	n support gross motor skil	ls in PD.

Area of	Aspect of	Key Learning (Skills,	Support for Key	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	CoEL
earning	learning Subject Specific	knowledge and concepts)	Learning	Marvellous Me	Shine Bright Colour and Light	Weather	Growth and Farming	Traditional Tales	Journeys	
24	Creating with Materials	Art Observation Communication Aesthetic Awareness Physical Skill Art processes and Techniques Evaluation	Painting (including printing) Drawing Collage Sculpture: mouldable and other materials Self-portraits charcoal/pencil, junk modelling, take picture of children's creations and record them explaining what they did.	Drawing – early mark-making, self- portraits (look closely) Self-portraits charcoal/pencil, junk modelling, take picture of children's creations and record them explaining what they did.	Painting – colour mixing, and seasons as Jocus. Firework pictures – hot colours , Christmas decorations, Christmas cards, Divas, Christmas songs/poems	Painting. – printing. Children will be encouraged to select the tools and techniques they need to assemble materials that they are using e.g. coil pots, making lanterns, Chinese writing, puppet making, Chinese music and composition Life cycles – tadpole/bird	Collage Children will explore ways to protect the growing of plants by designing scarecrows.	Sculpture (mouldable) – explore texture and properties of materials	Sculpture (other materials) – transient art and evaluation of work Exploration of other countries – dressing up in different costures. Sand pictures. Sand pictures. collages Using understanding of Lighthouse design – use the coiling technique – include light	Being willing to have a go Active Learning- Being involved and concentrating, Keeping on trying, Enjoying achieving. Creating and Thinking Critically- Having their own ideas, Making links, Choosing ways of doing things.
Expressive Arts and Design		Designing and Making Explore Design Make Evaluate Tools and Equipment Safety	Cons. kits Constructing using reclaimed materials Using resources, tools and equipment Designing, making and evaluation	Construction – follow instructions	Construction – moving, models, labels and model book	Joining techniques Using resources, tools and equipment	Construction – writing instructions Pastel drawings, printing, patterns on Easter eggs, Mother's Day crafts Easter crafts Home Comer role play	Construction - collaboration (large scale, several small models, for play together)	Design, making and evaluating process Constructing with reclaimed materials Design and make trains/ rockets/bus. Design and make objects they may need in space, thinking about form and function.	go Active Learning- Being involved and concentrating, Kee ieving. Creating and Thinking Critically- Having their own oosing ways of doing things.
	Being Imaginative and	Music Listen to Rhythm Movement Singing, Making, music	Singing, Making, Music Movement and Dance Music Outdoor	Sing call-and- response songs, so that children can echo phrases of songs you sing.	Nativity performance	Easter celebration and Spring	Spring and weather	Summer songs	Summer songs	L and concentre Cally- Having t
	Expressive	Role-play and creativity Experiment Respond Represent ideas Recreate Expression Communication	Creative Role play Small World Stories Music Themes and Interests	Music – create own recordings, music makers	The Nativity – role play/performance	Rote play focus – resources linked to visitors and visits	Small world focus – creating other environments	Creative - puppets Stories and story- telling – traditional tale	Puppet shows: Provide a wide range of props for play, which encourage imagination. Creative - transient art Role play deconstructed	iheir own
Research/WHY?	them to explo expression, vo what they he	Experiment Respond Represent ideas Recreate Expression Communication eent of children's artistic au re and play with a wide n xabulary and ability to co ar, respond to and observe an insight into new music	World Stories' Music Themes and Interests nd cultural awareness sup ange of media and materi immunicate through the o e.	recordings, music makers poorts their imagir ials. The quality a ırts. The frequency	play/performance ration and creativi ind variety of wha y, repetition and d	resources linked to visitors and visits ty. It is important t children see, hear epth of their experi	creating other environments that children have i and participate in ences are fundamer	Stories and story- telling – traditional tale egular opportunities is crucial for develop tal to their progress	Provide a wide range of props for play. which encourage imagination. Creative - transient art Role play - deconstructed to engage with the bing their understan in interpreting and	dir ap