

SYLLABUS OF CLASS III

ENGLISH

ENGLISH		
MONTH	TOPIC	ACTIVITY
April	<p><u>Reader Book</u> * (Unit-1) Animal World * I Speak, I Say, I Talk (Poem) * Dolphins * Dogs * At the Zoo (Poem)</p> <p><u>Practice Book</u> * (Unit-1) Naming Words * Application for sick leave</p>	<p>Project - Prepare a poster on rules of zoo</p> <p>Art integrated activities (CRAB worksheets , Graphic Organisers)</p> <p>SDG awareness activities Competency based worksheets/pen paper test/quiz/games/oral test</p> <p>Activities based on Naming Words</p>
May	<p><u>Reader Book</u> * The Canary * The Ostrich and the Hedgehog * Arjuna’s friends of the forest (Read it yourself) * Amazing animals and birds (Tape Script)</p> <p><u>Practice Book</u> * (Unit-2) Replacing Words * Paragraph- My Birthday Gift * Reading for Understanding Passage-1</p>	<p>Art integrated activities (CRAB worksheets , Graphic Organisers) SDG awareness activities competency based worksheets/pen paper test/quiz/games/oral test Project-prepare a mask of any animal</p> <p>Activity related to replacing words</p> <p>LSRW sub skills .</p>
JUNE SUMMER BREAK		
July	<p><u>Reader Book</u> (Unit-2) Nature Cares * The God of River * Trees are the kindest thing I know (Poem) * Minu and Dino</p> <p><u>Practice Book</u> * (Unit-3) How many? (Numbers) * (Unit-4) Describing words * Paragraph- A Visit to a Zoo</p>	<p>ISRW sub skills</p> <p>Preparing a poster on “ Water Pollution”.</p> <p>SDG awareness activities</p> <p>Art integrated activities (Graphic organisers ,CRAB Activities)</p> <p>Preparing a picture chart on Numbers. Project work on Describing Words. activities based on numbers and describing words.</p>

<p style="text-align: center;">August</p>	<p><u>Reader Book</u></p> <ul style="list-style-type: none"> * Trees * Chipko Movement(Read it yourself) * Harmful effects of Poly bags (Tape Script) <p><u>Practice Book</u></p> <ul style="list-style-type: none"> * (Unit-5) Verbs * Paragraph- A Visit to a Circus * Reading for Understanding Passage-2, 3 	<p>Project work-Slogans writing on the importance of Trees.</p> <p>competency based worksheets/pen paper test/quiz/games</p> <p>SDG awareness activities</p> <p>Activity based on Action Words</p> <p>LSRW sub skills</p> <p>Art integrated activities (Graphic organisers ,CRAB Activities)</p>
<p>September- Revision work & First Term Exams</p>		
<p style="text-align: center;">October</p>	<p><u>Reader Book</u> (Unit-3) Regards for Values</p> <ul style="list-style-type: none"> * Nina is the Winner * Two little kittens (Poem) <p><u>Practice Book</u></p> <ul style="list-style-type: none"> * (Unit-6) Prepositions * Application for Urgent piece of work 	<p>Picture chart on moral values</p> <p>(Project work);-</p> <p>Make a chart on Prepositions with pictures.</p> <p>LSRW sub skills</p>
<p style="text-align: center;">November</p>	<p><u>Reader Book</u></p> <ul style="list-style-type: none"> * Krishna and Sudama * The Birthday Kitten * The Three Rules (Read it yourself) * The Plate of Gold (Tape Script) <p><u>Practice Book</u></p> <ul style="list-style-type: none"> * (Unit-7) Fixing Words (Articles) * Reading for understanding Passage-4, 5 * Paragraph- A Visit to a Circus 	<p>Art integrated activities(CRAB worksheets, Graphic Organisers)</p> <p>competency based worksheets/pen paper test/quiz/games.</p> <p>SDG awareness activities</p> <p>Picture Activity on articles</p> <p>LSRW sub skills</p>

<p>December</p>	<p><u>Reader Book</u> (Unit-4) Adventure * Man Learns to Fly * The Key (Poem) * Michael goes climbing</p> <p><u>Practice Book</u> * (Unit-8) Sentences (Cont.) * Paragraph- My Best Friend * Park Scene (Pg- 80)</p>	<p>Paste or draw pictures showing various adventurous activities on a drawing sheet(project work)</p> <p>Pen paper test/quiz/games/worksheets SDG awareness activities Art integrated activities</p> <p>activity based on sentences</p> <p>LSRW sub skills</p>
<p>January</p>	<p><u>Practice Book</u> * (Unit-9) Subject and Predicate * Letter Que- 5 &6 (Pgs- 78, 79)</p> <p><u>Reader Book</u> * The Magic Room * Florence Nightingale (Read it yourself) * India's Young Heroes (Tape script)</p>	<p>Activities based on subject and predicate</p> <p>LSRW sub skills</p> <p>Art integrated activities (Graphic organiser ,CRAB Activities) SDG awareness activities</p> <p>competency based worksheets/pen paper tes/,quiz/games</p>
<p>February</p>	<p style="text-align: center;">Revision work</p>	
<p style="text-align: center;">MARCH: FINAL EXAMS</p>		

DESIGN OF QUESTIONS PAPER

Unit test -PT -1 , PT -2 (20 marks each)		
TIME: 2 Hours		Total Marks: 50
		Marks
Sr. No.	Form of Questions	
1	Section-A (Reading)	7
2	Section-B(Writing)	12
	Paragraph	
	Application/ Letter	
3	Section-C(Grammar)	15
	Grammar related to the given chapters	
4	Section-D(Literature)	
	Questions/ Answers	6
5	Exercise from given chapters	10
Total		50
Good reader bonus scheme *4 marks (Questions will be asked from prescribed reading book)		
CRITERIA FOR INTERNAL ASSESSMENT (30 marks) (For each term)		Marks
1	Listening Skill	5
2	Speaking Skill	5
3	Reading Skill	5
4	Writing Skill	5
5	Portfolio/ Notebook	5
6	Activity/ Project	5
Total		30

Mathematics

MONTH	UNIT	CONTENT	ACTIVITIES/ ASSIGNMENTS
April	Bridge Course 1. Numbers upto 9999	Addition, Subtraction, Tables (1 to 12) Introduction, one thousand, greatest and smallest, place value, successor and predecessor, ordering of numbers	Mind Map (Place value Chart) Quiz ,word train
	2. Addition	Addition (4- digit numbers), addition (with regrouping), properties of addition, adding three numbers, word problem.	Mind games ,word problems /SDG related activities /Quiz /Worksheets
May	3. Subtraction	Subtraction (with regrouping), subtraction (check your answers), properties of subtraction word problems	Flayer model / Mind Map.Real objects / PPT/Worksheet
	4. Multiplication (contd.)	Multiply (3- digit by 1 digit), multiply (with regrouping), properties of multiplication, multiplication by 10, 100 and 1000, multiplication by the multiples of 10 and 100.	Paste bindi in notebook to show properties of multiplication.
July	4.Multiplication & 5.Division (contd.)	Multiplication (2- digit numbers by 2- digit numbers), multiplication (3- digit numbers by 2- digit numbers), word problems Division as equal distribution, division by repeated subtraction, relation between multiplication and division, division using multiplication tables, terms used in division,	Observe division by equal sharing & Relate multiplication and division as inverse operation through matching activity.

August	5. Division	long division method, division with remainder , two digit quotient, properties of division, division of 3- digit numbers, word problems	Mind map SDG related Activity, Worksheet on division is given.
	6. Day, Date and Time	Reading of calendar, clocks, units of time (hours and minutes), finding time in 1/4 hours and minutes, conversion of time- a.m. and p.m.	Birthday Calender Making
Sep.	REVISION & HALF YEARLY EXAMINATION		
Oct.	7. Money	Amount of money in words and figures , converting Rupees into Paise & Paise into Rupees, addition in rupees and paise, subtraction in rupees and paise, word problem.	Take a thin paper and hold it over the coin and rub the pencil to take a print then paste on chart.
Nov.	8. Length	Introduction of Kilometer, conversion, addition and subtraction (without regrouping) , word problem.	Assignment, An activity of pasting different ribbons of different length.
	9. Weight	Conversion , addition and subtraction (without regrouping) , word problems.	Measure weight of your family members & thing available in
Dec.	10. Capacity	Conversion , addition and subtraction (without regrouping) , word problems.	Video on weight and activity based on weight and capacity.
	11. Fraction	Fraction of a collection, numerator and denominator, ordering of fraction, adding like fractions, subtracting like fractions.	using foldable to give the knowledge type of fractions

Jan.	12. Geometry	Plane surfaces and curved surfaces, properties of solids, basic geometry, measuring line segments, constructing line segments of given lengths.	Students will paste different shapes of geometry in notebook.
Feb.	REVISION		
March	REVISION	FINAL EXAMINATION	
DESIGN OF QUESTIONS PAPER			
Internal assessment -30 marks (based on competency in each term) Unit test -PT -1 , PT -2 (20 marks each) Blue print Maths Exam -(Half yearly and Annual)			
MCQ/ Competency based Questions /Case Study			
Section -1	M.C.Q./ Fill ups	$8 \times 1 = 8$	
Section 2	Very Short Questions	$6 \times 2 = 12$	
Section -3	Short Questions	$6 \times 3 = 18$	
Section- 4	Long Questions	$4 \times 3 = 12$	
	Total	50	

कक्षा तीसरी

विषय हिंदी

भाषा माधुरी व भाषा अभ्यास

मास	पाठ्यक्रम	क्रियात्मक कार्य
अप्रैल	पाठ -1 भोलू भुलक्कड़ पाठ-2 चतुर कौवा पाठ - 3 हाथी और चिड़िया	पठन कौशल व कल्पना शक्ति का विकास करना। कविता को लयबद्धता द्वारा कंठस्थ करना, कविता को कहानी के रूप में लिखना। संज्ञा शब्दों की जानकारी शब्द चक्र द्वारा, अलग-अलग जानवरों का मुखौटा बनाना।
मई	पाठ -4 चींटी ने पाठ पढ़ाया पाठ -5 बहादुर दोस्त	कविता का लयबद्ध गायन, संवाद शैली द्वारा नाटक मंचन। गद्यांश द्वारा प्रश्न निर्माण, क्रिया शब्दों की जानकारी शब्द चक्र द्वारा।
जून	ग्रीष्मावकाश	
जुलाई	पाठ -6 घमंडी मक्खी पाठ- 7 दादाजी	नाटक मंचन, चित्रों द्वारा मुहावरों की जानकारी। शब्द सीढ़ी, दादा जी /नाना जी के लिए ग्रीटिंग कार्ड बनाना, अखरोट के छिलकों से कछुआ, चिड़िया, जुगनू आदि उभरे चित्र बनाना।
अगस्त	पाठ -8 अगर पेड़ भी चलते होते... पत्र लेखन-	कविता का लयबद्ध गायन, पेड़ों पर स्लोगन लिखना। बीमारी के अवकाश के लिए प्रधानाचार्य को पत्र।
सितंबर	दोहराई व अर्द्धवार्षिक परीक्षा	
अक्टूबर	पाठ- 9 गीत का कमाल पाठ-10 बूझो तो जाने	चित्रों के माध्यम से तुकांत शब्द निर्माण, दोस्त/ सहेली के जन्मदिन का बधाई कार्ड बनाना पठन कौशल, कल्पना शक्ति द्वारा पहेलियों का निर्माण।
नवंबर	पाठ- 11 चू-चू की टोपी पाठ -12 सुबह	नाटक मंचन, चित्रों द्वारा विशेषण शब्दों की जानकारी, अनुस्वार व अनुनासिक शब्दों की जानकारी। पत्र निर्माण, वाक्य निर्माण, कविता का लयबद्ध गायन।
दिसंबर	पाठ- 13 ऐसे थे लाल बहादुर शास्त्री। पाठ- 14 सबसे बड़ा मूर्ख।	चित्रों द्वारा महापुरुषों की जानकारी देना, विराम चिह्नो की जानकारी। रके विभिन्न रूपों का प्रयोग कर शब्द निर्माण करना, मुहावरों की जानकारी देना, गद्यांश द्वारा प्रश्न निर्माण
	अनुच्छेद- पत्र लेखन-	मेरा विद्यालय, मेरा अध्यापक घर पर जरूरी काम के अवकाश हेतु प्रधानाचार्य को पत्र।

जनवरी	पाठ -15 बुआ का पत्र	चित्रों द्वारा समान अर्थ वाले शब्द, दीपावली के लिए ग्रीटिंग कार्ड, चित्रों के आधार पर वाक्य निर्माण।
	पाठ- 16 सवाली राम	चित्र वर्णन, जल बचाओ पर पोस्टर निर्माण व कविता निर्माण,
फरवरी	दोहराई कार्य व लिखित टैस्ट।	
मार्च	वार्षिक परीक्षा	

Blue Print:- (Hindi exam for Half Yearly and Annual Evaluation)

Internal Assessment:- 30 marks (in each term)

Unit Test- (PT- 1 & PT- 2):- 20 marks each

अंक विभाजन कुलांक-50

खंड (क)	अपठित गद्यांश-	4 अंक
खंड-(ख)	भाषा अभ्यास-व्याकरण-	15 अंक
	दक्षता आधारित बहुविकल्पीय प्रश्न (MCQ)-	6 अंक
	भाषा माधुरी अभ्यास कार्य-	8 अंक
	एक वाक्य में उत्तर-	5 अंक
	लघु उत्तर-	6 अंक
खंड (ग)	भाषा माधुरी -	Total - 25 अंक
खंड-(घ)	अनुच्छेद ,चित्र वर्णन ,कहानी-	3 अंक
	संवाद शैली, पत्र लेखन -	3 अंक

General Science-III

Month	Topic	Activities
April	1. My Body	1. Functions of various sense organs by game play in class. 2. Visit to different areas of school to differentiate various types of smells. 3. Identification of different tastes by tasting various food items. 4. Draw the pictures of Various sense organs. 5. Enlist any 10 activities from your daily routine and the sense organs you use to perform their activities. (SDG Awareness)
	2. Plants Around Us	1. Nature walk to Identify the different plants and classify them into herbs, shrubs, trees, climbers and creepers. (By Group Discussion Method) 2. Collect pictures of trees, shrubs, herbs, climbers and creepers & paste them in notebook.
May	3. Leaf	1. Field trip in or around the school. Students can pick a particular tree to observe. Have them use their five senses to observe the tree and the leaves. 2. Discussion about Compost making method by collecting the fallen leaves and kitchen waste. 3. Collect the few leaves of plants like lemon, tulsi, neem, mango, mint & coriander. Crush the leaves and smell them. Do they all smell alike? Try to identify the leaves with their smell. 4. Vessels Preparation with the help of leaves. (SDG Awareness) 5. Collect & paste pictures of various leaves on A4 size sheet. (Art Integration Activity) 6. Find out names of plants whose leaves are used for medicinal purpose and eating as food.
JUNE	Summer Break	
July	4. Importance of Plants	1. Prepare a chart on Importance of plants. 2. Find out various things made from trees available in classroom & in your bag. 3. Poem on Vanmahotsav. 4. Plant a seedling at home. 5. Make posters and write slogans on Importance of plants.
August	5. Animals	1. Videos or pictures showing different types of animals according to their habitat. 2. Identifying various animals through role play. (SDG Awareness) 3. Collect & paste pictures of different types of animals in different habitats. 4. Classify various animals that you see in your neighbourhood as land animals, water animals & air animals.

September	Revision and Half Yearly Exams	
October	6. Feeding Habits Of Animals	<ol style="list-style-type: none"> 1. Classify feeding habits of animals by type of teeth they have. 2. Worksheet to familiarise students with various types of animals. 3. Cut the pictures of animals from magazines and categorise them according to their feeding habits.
November	7. Birds and their nests	<ol style="list-style-type: none"> 1. Videos of nest making skills of different birds. 2. Model of nest. 3. Collect & paste pictures of nests of different birds. 4. Collect information about different migratory birds visiting India at different places.
	8. Food	<ol style="list-style-type: none"> 1. Food party 2. Enlist the name of parts of plants they have brought in their lunch for 3-4 days and then discuss with the class. 3. Draw or paste pictures of various parts of plants eaten as food. 4. Worksheet on food obtained from plants and animals.
December	9. Cooking and Eating habits	<ol style="list-style-type: none"> 1. Videos or pictures on different methods of cooking food. 2. Discussion based on observations of students at home on different methods used for preparing different types of food. 3. Identification of utensils used in cooking. (SDG Awareness) 4. Compare the diet of every person in your family & that of a labourer and office going person. 5. Find out advantages and disadvantages of various methods of cooking.
January	10. Water	<ol style="list-style-type: none"> 1. Discuss various effects made by snowfall over an area. 2. Observe the effects of rain on plants & animals that you see in your locality. 3. Group discussion on Importance of water. (SDG Awareness) 4. Paste pictures of four dams in India. 5. Write the name of six cities that are located near rivers. 6. Make a poster on rainy day.
February	Revision	
March	Final Term Exams	

Designing of Question Paper

Unit test -PT -1 , PT -2 (20 marks each)

Time :- 2 hours**Marks:- 40+10=50**

Sr. No.	Form of Questions	Total Marks
1	Fill in the blanks	5 X 1 = 5
2	True/False	5 X 1 = 5
3	Match the following	5 X 1 = 5
4	Tick the correct answer	5 X 1 = 5
5	Very Short Q/Ans.	5 X 1 = 5
6	Short Answers	6 X 2 = 12
7	Long Answers/ Diagram	3 X 3 = 9
8	Case Study	1 X 4 = 4
		Total- 50

CRITERIA FOR INTERNAL ASSESSMENT

1	Critical thinking & Evaluation	5
2	Problem Solving	5
3	Collaboration & Creative Thinking	5
4	Value/Ethical Applications of Concepts	5
5	Portfolio	5
6	Project	5
7	Periodic Test	20
	Total Marks	50

III- SOCIAL SCIENCE

Month	Topic	Activities
April	L- 1 The Family	Family Tree/ Poem on family Flow Chart on Family Indian States
	L- 2 Family Similarities	Group Discussion on Likes and Dislikes of Family members/ Worksheet Thank you card for family member
May	L- 3 Our Foods	Food Activity (Table Manner) Poster-making on 'Do Not Waste Food'/ Riddles
	L- 4 Our Dresses	Paste/draw pictures of Indian dresses in N.B.
		Activity- Be what you want to be
June- Summer Break		
July	L- 4 Our Dresses	Vegetable Printing
	L- 5 The Early Man	Draw different tools that are commonly used in your home Draw/ Paste pictures of tools used by early man Case Study
August	L-6 Learning About Works	Draw/Paste pictures of different occupations in notebook Slogan Writing Role Play on different occupations
	L-7 If You Believe You Can, You Will!	Poster Making on Child Labour Case Study Field Study (Museum Visit)
Written Evaluation after each chapter		
September- Half Yearly Exams		
October	L-8 Let Us Enjoy!	Paste/Draw pictures of Outdoor and Indoor games Group Activity-Indoor and Outdoor Games
	L- 9 Our Homes	Paste /draw pictures of different types of houses Group Discussion on Temporary and Permanent Houses
November	L- 9 Our Homes (Cont.)	Quiz/Oral test
	L- 10 Beautiful Homes	Poster making On 3R's Mind Map activity Activity- Care for animals or pets

December	L- 11 Directions	Draw a compass and mark Cardinal Directions Draw a sketch from your home to school with directions Group Activity -Direction game
	L- 12 Conquering Distances	Draw/Paste a picture of your favourite means of transport Project- Make a model of Wheel with waste material Road manners activity
January	L- 13 Closing Distances	Flow chart on Communication Case Study/ Field Study Letter for Grandparents/ Draw or paste pictures of different means of communication
	L- 14 I am Proud to Be an Indian	Quiz/Oral test Draw pictures of Our National Symbols Map activity -Different landforms
Written Evaluation after each chapter		
February & March- Revision & Final Exams		

Internal Assessment:- 30 marks (in each term)

Unit Test- (PT- 1 & PT- 2):- 20 marks each

Blue Print:- (Social Science exam for Half Yearly and Annual Evaluation)

Total Marks: 50	
Q. 1 Tick the correct option	(1/2× 6= 3)
Q. 2 Fill in the blanks	(1× 5= 5)
Q. 3 Puzzle (True/ False)	(1/2× 6= 3)
Q. 4 Match the following	(1/2× 4= 2)
Q. 5 One word answer	(1× 5= 5)
Q. 6 Short Q/Ans	(2× 6= 12)
Q. 7 Long Q/Ans	(3× 5= 15)
Q. 8 Case study based questions	2
Q. 9 Map-Skill	(1/2× 6= 3)

CLASS-III SYLLABUS KIDWIZ (GK)

April	UNIT 1- LANGUAGE AND LITERATURE	PAGES 1 – 9
April	UNIT 2- ENVIRONMENT AROUND	PAGES 10 –14
May	UNIT 2- ENVIRONMENT AROUND	PAGES 15 –23
June	SUMMER BREAK	
July	UNIT 3- WORLD AROUND	PAGES 24 – 30
August	UNIT 3- WORLD AROUND	PAGES 31 – 37
September	REVISION AND HALF YEARLY EXAMS	
October	UNIT 4- ART AND CULTURE	PAGES 38 – 46
November	UNIT 5- MATH MAGIC	PAGES 47 – 54
December/ January	UNIT 6- SPORTS AND GAMES	PAGES 55 – 63
February & March	REVISION AND FINAL EXAMS	

BLUE PRINT (GK)

Fill ups	5 X 1	5
True/False	5 X 1	5
Match the following	5 X 1	5
Tick the correct	5 X 1	5
One word Q/A	5 X 1	5
Total Marks		25

Class-III ARTS (STEP BY STEP)

Month	Step by Step	
April	Pg.1 to 6	Flower with clay
May	Pg.7 to 12	Craft item
July	Pg.13 to 17	Clay work
Aug.	Pg.18to 20	Craft work
Sep.	Revision & Half Yearly Exams	
Oct.	Pg. 21to 25	Wall hanging
Nov.	Pg. 26 to 31	Origami , Clay Work
Dec.	Pg. 32to 36	Card Making
Jan.	Pg. 37to 40	Paper work, craft work
Feb.	Revision	
MARCH: FINAL EXAMINATION		

IIIrd Class-Game

April - Knowledge about personal hygiene and cleanliness.

May - Chess

July - Carrom

August - Frog Race

September - Badminton

October - Athletics (Track event)

November - P.T.

December - Fun Games

January - Zig Zag Run

February - Yoga Asana :-

1) Tadasana 2) Trikonasana

3) Vrikshasana 4) Paschimottanasana

March - Final Exam

नैतिक शिक्षा

मास	पाठ्य क्रम	क्रियात्मक कार्य
अप्रैल	1) प्रार्थना 2) सही या गलत	प्रार्थना को गीत के रूप में गाया जाएगा व कठस्थ कराया जाएगा। सही गलत का निर्णय बहुत ध्यानपूर्वक लेने की प्रेरणा देना।
मई :	3) मीशा और ब्रूनो 4) लेट लतीफ पीहू	कक्षा में बच्चों को विभिन्न गतिविधियों में भाग लेने के लिए उत्साहित करना। समय का सदुपयोग सीखाना।
जुलाई:	5) हाँ, ये मैंने किया है 6) यह हमारा काम है	अपनी गलती से सीख लेना और आगे बढ़ना। अपने दैनिक कार्यों को उचित ढंग से करना सीखाना।
अगस्त:	7) महात्मा हंसराज	अपनी क्षमता अनुसार दूसरों की सहायता करना सीखाना।
सितम्बर : दोहराई व अर्द्धवार्षिक परीक्षा		
अक्तूबर:	8) जब मैं अकेली रह गई 9) छोड़ो और आगे बढ़ो	सर्तकता के नियमों के साथ रहना सीखाना। प्रत्येक परिस्थितियों में खुश रहना और उनका सामना करना।
नवम्बर :	10) सबका साथ, मस्ती की बात 11) मेरी बेटा स्टेला	मिलजुल कर रहने की प्रेरणा देना। अपने प्रति जिम्मेदार होना और अपने कार्यों को समझाया जाएगा।
दिसम्बर	12) मैंने चुन लिया	सही विषय का चयन करना सीखाना।
जनवरी	13) ये वक्त भी गुजर जाएगा आर्य समाज के नियम	हर चुनौती का डटकर सामना करना इनका अर्थ समझाकर नियमों को कठस्थ कराना
फरवरी	दोहराई कार्य	
मार्च	वार्षिक परीक्षा	

Dance Syllabus

Month	Activity
April	Write and learn all houses prayers
May	Introduction of dances (Classical and Folk)
	Basic exercise of dance
June	Summer Vaccation
July	Namaskar of Bharatnatyam
August	New welcome dance
September	Revision and Practical
October	Practice and complete welcome dance
November	New dance
December	Complete dance
January	Revision
February	Practical