

YEAR PLAN 2018 – 2019
Grade V COMPUTER APPLICATIONS

The academic year is divided into **two** sessions

Session One: June 2018 to October 2019

Session Two: November 2018 to March 2019

Continuous assessments: July, August, December, January, February

Summative Assessment I: October 2018

Summative Assessment II: March 2019

AIM: To navigate the students effortlessly through the 'Learning by Doing' process and motivate them to explore, analyse and synthesise knowledge over computers in an effective manner.

SPECIFIC LEARNING OBJECTIVE: Learn to acquire knowledge and skills of using technology to accomplish tasks, communicate and facilitate activities in and outside school.

OBJECTIVES:

- To understand the history of computers.
- To understand the different types of software and their purpose.
- To learn the art of formatting using MS Word 2010.
- To enhance the knowledge in MS PowerPoint and format the slides.
- To understand the concept of program and programming.
- To learn about the world of Internet.

Projects/ Field trips: To create an Onam greeting card using MS Word.

Session One: June 2018 to October 2018

Duration	Topics	Specific Learning Objectives	Activities	Resources	Life skills
June	Evolution of Computers	To describe the history of computers and to keep pace with the latest developments related to technology.	<ul style="list-style-type: none"> ➤ Introducing the history of computers through Multimedia. ➤ Discussing the characteristics and limitations of computers. ➤ Illustrating the latest technological developments by showing videos. 	<ul style="list-style-type: none"> ➤ Multimedia. 	<ul style="list-style-type: none"> ➤ Critical thinking
July	Types of Software	To learn the difference between the system software and application software.	<ul style="list-style-type: none"> ➤ Recapitulation of the topic learnt in the previous class. ➤ Explain the classification of software. ➤ Discussing the importance of different utility programs. 	<ul style="list-style-type: none"> ➤ Computer 	<ul style="list-style-type: none"> ➤ General awareness
August	Inserting Objects & Drawings in MS Word 2010	To enhance the document by inserting picture, ClipArt, and WordArt.	<ul style="list-style-type: none"> ➤ Recapitulation of the topic learnt in the previous class. ➤ Providing opportunities for hands on experience on formatting to enhance the look of the document. 	<ul style="list-style-type: none"> ➤ Computer with MS Word software. ➤ Projector. 	<ul style="list-style-type: none"> ➤ Critical thinking ➤ Presentation skills
August - September	Working with Tables in MS Word 2010	To enhance the document by inserting Tables in a document.	<ul style="list-style-type: none"> ➤ Recapitulation of the topic learnt in the previous class. ➤ Providing opportunities for hands on experience on formatting and editing the Tables. 	<ul style="list-style-type: none"> ➤ Computer with MS Word software. ➤ Projector. 	<ul style="list-style-type: none"> ➤ Decision making
September - October	Advanced features of MS Word 2010	To learn about advanced formatting options to make your document look professional and flawless.	<ul style="list-style-type: none"> ➤ Recapitulation of the topic learnt in the previous class. ➤ Providing opportunities for hands on experience on formatting by using different advanced formatting features. ➤ Project: To create an Onam greeting card using MS Word 	<ul style="list-style-type: none"> ➤ Computer with MS Word software. ➤ Projector. 	<ul style="list-style-type: none"> ➤ Critical thinking ➤ Presentation skills

Session Two: November 2018 to March 2019

Projects/ Field trips: To create a presentation on the topic 'Landforms'.

November	MS PowerPoint 2010: Animations and	Learn how to animate an object and to apply different transitions	<ul style="list-style-type: none"> ➤ Recapitulation of the topic learnt in the previous class. 	<ul style="list-style-type: none"> ➤ Computer with MS PowerPoint software. 	<ul style="list-style-type: none"> ➤ Presentation skills ➤ Critical thinking
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	Transitions	to the slides.	<ul style="list-style-type: none"> ➤ Illustrating the different components of the MS PowerPoint window and their functions. ➤ Demonstrating how to: <ul style="list-style-type: none"> • Insert pictures, WordArt and sound, custom animations, transitions and hyperlinks to your presentation. 	<ul style="list-style-type: none"> ➤ Projector. ➤ Black board. 	
December	Working with Movies and Sounds in MS PowerPoint 2010	Learn how to insert an audio and video file into a presentation.	<ul style="list-style-type: none"> ➤ Recapitulation of the topic learnt in the previous class. ➤ Providing opportunities for hands on experience on recording a slideshow narration. ➤ Project: To create a presentation on the topic 'Landforms'. 	<ul style="list-style-type: none"> ➤ Computer with MS PowerPoint software. ➤ Black board. 	<ul style="list-style-type: none"> ➤ Presentation skills ➤ Decision making ➤ Collaborative thinking
January	Introduction to Scratch Programming	To learn how to work on Scratch interface.	<ul style="list-style-type: none"> ➤ Providing opportunities for hands on experience with Scratch and basic commands like 'motion', 'pen' and 'sound'. 	<ul style="list-style-type: none"> ➤ Computer with Scratch software. ➤ Black board.. 	<ul style="list-style-type: none"> ➤ Creative thinking
January-February	Internet Services	To learn the uses of internet in our daily life and to follow netiquette while communicating online.	<ul style="list-style-type: none"> ➤ Recapitulation of the topic learnt in the previous class. ➤ Discuss about the Network in terms of internet. ➤ Discuss about the basic requirements needed for an internet connection. ➤ Discuss about the basic terminologies related to internet like web browser, webpage, website etc. ➤ Emphasising the importance of being a responsible netizen. 	<ul style="list-style-type: none"> ➤ Computer system with internet connection. ➤ Black board. 	<ul style="list-style-type: none"> ➤ Interpersonal skills ➤ Net safety

Web Reference:

- www.computerkids.com
- www.tutorialspoint.com
- www.gcflearnfree.org