Technology Year At A Glance

Teacher: Rothana Chen

	September	October	November	December	January	February	March	April	May	June
Kindergarten	Exploring the Mouse and Keyboard	Learn about Computer Parts and Computer Functions	Beginning Keyboarding (Letter Identification and location)	Introduction to Basic Programming Skills (Hands On Activities)	Internet Safety & Digital Citizenship	Introduction to Basic Coding	Math and Reading Skills (Various programs and websites)		Beginning Typing	Beginning Word Document
Kindergarten MakerSpace	MakerSpace Concepts and Exploration	Tinkering	Making and Building	Engineering	Service Learning	Computer Science	3D Design	Circuitry	STEM	Technical Skills and Maker Abilities
1st Grade	Review Skills, Computer functions and vocabulary words	Math and Reading Skills (Various programs and websites)	Independently Opening, Saving, and Closing Files	Programming with RodoCodo	**Winter MAP Testing** Internet Safety & Digital Citizenship	Introduction to Typing (Keyboard orientation & home row)	Beginning Word Document (Typing Sentences and Transcribing from Paper)	Microsoft Spreadsheet (Making Graphs, Shapes, and Sorting)	**Spring MAP Testing**	Beginning Google Drawing
	Grade Level Typing Practice Throughout the Year									
1st Grade MakerSpace	MakerSpace Concepts and Exploration	Tinkering	Making and Building	Engineering	Service Learning	Computer Science	3D Design	Circuitry	STEM	MakerSpace Concepts and Exploration
2nd Grade	Review Skills and **Fall MAP Testing**		Hardware and Software	Programming with RodoCodo	**Winter MAP Testing** Internet Safety & Digital Citizenship	Beginning Research Skills (Search Terms and Using Features to Find Information)	Google Image Search and Copy/Paste Images	Word Document (Typing Sentences) Microsoft Excel (Cells, Graphs, and Sorting)	**Spring MAP Testing**	Creating Google Drawing Design & Printing
	Grade Level Typing Practice Throughout the Year									
2nd Grade MakerScape	MakerSpace Concepts and Exploration	Tinkering	Making and Building	Engineering	Service Learning	Computer Science	3D Design	Circuitry	STEM	Technical Skills and Maker Abilities
3rd Grade	Review Skills and **Fall MAP Testing**		Introduction to Google Workspace	Programming with RodoCodo	**Winter MAP Testing** Internet Safety, Digital Citizenship & Research Practice	Google Docs (Keyboard Shortcuts, Spell Check, Clipart, Bullet Points, etc.)	Math and Reading Skills (Various programs and websites	Google Slides (Basic Functions)	**Spring MAP Testing**	Google Sheets (Basic Functions)
	Grade Level Typing Practice Throughout the Year									
3rd Grade MakerScape	MakerSpace Concepts and Exploration	Tinkering	Making and Building	Engineering	Service Learning	Computer Science	3D Design	Circuitry	STEM	Technical Skills and Maker Abilities
4th Grade	Review Skills and **Fall MAP Testing**		Introduction to Google Workspace	Programming with RodoCodo	**Winter MAP Testing (Science)** Internet Safety, Digital Citizenship	Research Practice (Research a Topic and Finding Sources)	Publishing A Final Report on Google Docs	Google Sheets (Using Formulas) Project using Microsoft PowerPoint	**Spring MAP Testing**	Create Posters using Google Slides
	Grade Level Typing Practice Throughout the Year									
4th Grade STEM	What is STEM? in the Classroom	Science	Technology	Engineering	Mathematics	3D Printing	Digital Design	STEM Problem Solving	Circuitry	STEM in Action
5th Grade	Introduction to Google Classroom, Organize Google Drive Files, and **Fall MAP Testing**		Practice Using and Collaborating with Google Docs, Slides, and Sheets	Programming with RodoCodo	**Winter MAP Testing** Research Skills (Forming a Research Question and Evaluating Sources)	Formatting Skills (How to Format and Save a Document) Using Google Docs	Internet Safety & Digital Citizenship	Project using Google Slides **ACRES Testing**	**Spring MAP Testing**	Google Sheets (Using Formulas) Project using Google Slides
	Grade Level Typing Practice Throughout the Year									
5th Grade STEM	What is STEM? in the Classroom	Science	Technology	Engineering	Mathematics	3D Printing	Digital Design	STEM Problem Solving	Circuitry	STEM in Action
6th Grade	Set up Google Classroom, Organize Google Drive Files, and Review Google Apps and **Fall MAP Testing**		Practice Using and Collaborating with Google Docs, Slides, and Sheets	Photo Editing using Google Photos	**Winter MAP Testing** Research Skills and MLA CItations	Internet Safety & Digital Citizenship	Using Google Slides for Digital Presentation	Using Canva for HTML Web Design	**Spring MAP Testing**	Programming with Scratch
	Grade Level Typing Practice Throughout the Year									
6th Grade STEM	What is STEM? in the Classroom	Science	Technology	Engineering	Mathematics	3D Printing	Digital Design	STEM Problem Solving	Circuitry	STEM in Action
7th Grade	Set up Google Classroom, Organize Google Drive Files, and Review Google Apps and **Fall MAP Testing**		Practice Using and Collaborating with Google Docs, Slides, and Sheets	Photo/Video Editing using Google Photos and iMovie	**Winter MAP Testing (Science)** Research Skills	Internet Safety & Digital Citizenship	Using Google Drawing and Other Digital Tools to Create Visuals	Using Canva for HTML Web Design	**Spring MAP Testing**	Programming with Scratch
	Grade Level Typing Practice Throughout the Year									
7th Grade STEM	What is STEM? in the Classroom	Science	Technology	Engineering	Mathematics	3D Printing	Digital Design	STEM Problem Solving	Circuitry	STEM in Action
8th Grade	Set up Google Classroom, Organize Google Drive Files, and Review Google Apps and **Fall MAP Testing**		Practice Using and Collaborating with Google Docs, Slides, and Sheets	Photo/Video Editing using Google Photos and iMovie	**Winter MAP Testing** Research Skills (Finding Primary, Secondary, and Scholarly Sources)	Internet Safety & Digital Citizenship	Using Canva for HTML Web Design	Spreadsheets with Data, Charts, and Graphs **ACRES Testing**	**Spring MAP Testing**	Programming with Scratch
	Grade Level Typing Practice Throughout the Year									
8th Grade STEM	What is STEM? in the Classroom	Science	Technology	Engineering	Mathematics	3D Printing	Digital Design	STEM Problem Solving	Circuitry	STEM in Action