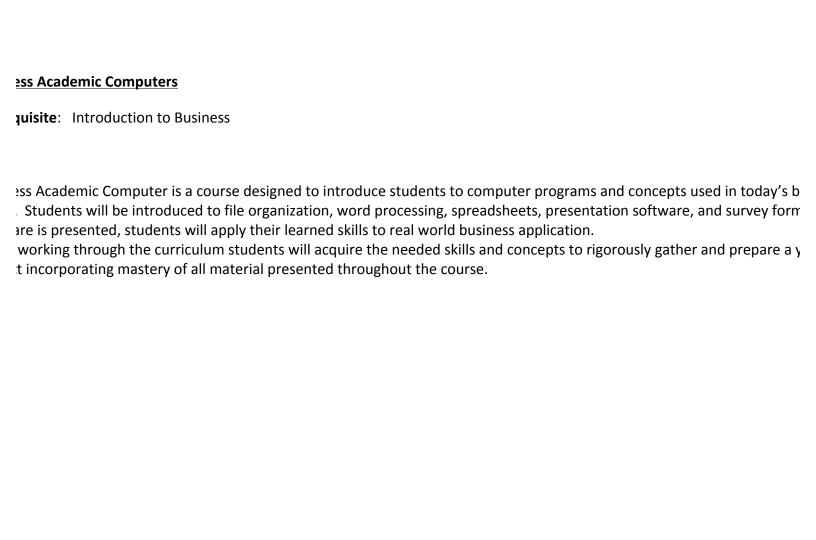
Business Academic Computers

Curriculum Guide

Scranton School District

Scranton, PA





Year-at-a-glance

Business Academic Computer	Grade Level 10th	Date Completed: 2,	
ırter			
Topic	Resources	ccss	
-		CC.1.2	
ile and folder maintenance	Mastering Google Drive and Docs by Saqib Khan, 2015.		
	Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.		
files and folders	Mastering Google Drive and Docs by Saqib Khan, 2015.	CC.1.2	
	Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.		
shared files	Mastering Google Drive and Docs by Saqib Khan, 2015.	CC.1.2	
	Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.		
ocessing software introduction	Mastering Google Drive and Docs by Saqib Khan, 2015.	CC.1.2	
	Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.		
	Mastering Google Drive and Docs by Saqib Khan,	CC.1.2	
ent generation and use of templates	2015.	CC.1.4	
	Google Drive Essentials: A Google Apps Textbook		

	for Beginners by George Somers, 2014.	
and Formatting Text	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2 CC.1.4
g Images, Links and more into a document	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
sts and Outlines	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
a table of contents (Index in a Document)	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
and Editing Tables in a Document	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
plications and projects	Teacher prepared user guides and projects	CC.1.2 CC.1.4

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Topic	Resources	CCSS
heet software introduction	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2 CC.2.1
रु Text in a Spreadsheet	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2 CC.2.1
and Formatting a Spreadsheet	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2 CC.2.1
ing numbers, dates, currency and more	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2 CC.2.1
ions and Formulas	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2 CC.2.1

	Mastering Google Drive and Docs by Saqib	CC.1.2
; cells	Khan, 2015.	CC.2.1
	Google Drive Essentials: A Google Apps	
	Textbook for Beginners by George Somers,	
	2014.	
	Mastering Google Drive and Docs by Saqib	CC.1.2
; and editing charts	Khan, 2015.	CC.2.1
	Google Drive Essentials: A Google Apps	
	Textbook for Beginners by George Somers,	
	2014.	
	Mastering Google Drive and Docs by Saqib	CC.1.2
and Filtering Data	Khan, 2015.	CC.2.1
	Google Drive Essentials: A Google Apps	
	Textbook for Beginners by George Somers,	
	2014.	
		CC.1.2
plications and projects	Teacher prepared user guides and projects	CC.2.1

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Topic	Resources	CCSS
ation software introduction	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
insert, duplicate, rearrange and delete slides	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2 CC.1.4
ng slides from other presentations	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
g images, videos, text boxes, word art, shapes and tables sentation	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2 CC.1.4 CC.1.5
g or adding themes to slides or whole presentations	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2 CC.1.4 CC.1.5

	Mastering Google Drive and Docs by Saqib Khan,	CC.1.2
g or adding a background image to a slide	2015.	CC.1.4
	Google Drive Essentials: A Google Apps Textbook	CC.1.5
	for Beginners by George Somers, 2014.	
	Mastering Google Drive and Docs by Saqib Khan,	CC.1.2
g the layout of a slide	2015.	CC.1.4
	Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.5
	Mastering Google Drive and Docs by Saqib Khan,	CC.1.2
animations to a slide	2015.	CC.1.4
	Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.5
	Mastering Google Drive and Docs by Saqib Khan,	CC.1.2
ş slide transitions	2015.	CC.1.4
	Google Drive Essentials: A Google Apps Textbook	
	for Beginners by George Somers, 2014.	
		CC.1.2
plications and projects	Teacher prepared user guides and projects	CC.1.4
		CC.1.5

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Topic	Resources	CCSS
; software introduction	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
Edit and Insert new elements to Drawing	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
रु formatting to your drawing	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
Align, group and ungroup objects in drawing	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
plications and projects	Mastering Google Drive and Docs by Saqib Khan, 2015.	CC.1.2

	Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	
oftware introduction	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
; forms and surveys	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
section heading, images and page breaks to a form	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	CC.1.2
plications and projects	Teacher prepared user guides and projects	CC.1.2

General Topic	Academic	Essential Knowledge,	Resources & Activities	Assessments	Sugges
	Standard(s)	Skills & Vocabulary			
ction to Computers and	15.3.12.D	Accessing Your Drive	Mastering Google Drive and	Teacher	1 day
up an account	15.3.12.S		Docs by Saqib Khan, 2015.	Generated Tests	
	15.4.12.A	Drive Interface		and Projects	
		Menus and Toolbars	Google Drive Essentials: A		
			Google Apps Textbook for		
		Vocabulary:	Beginners by George		
			Somers, 2014.		
		1. Drive			
		2. Hard Drive			
		3. Cloud			
		4. Gigabites			
		5. Scroll bars			
		6. Menus			
		7. Toolbar			
d Folders	15.3.12.D	Creating, Copying and	Mastering Google Drive and	Teacher	2 days
	15.3.12.S	Deleting	Docs by Saqib Khan, 2015.	Generated Tests	
	15.4.12.A			and Projects	
		Organizing and Moving	Google Drive Essentials: A		
		Files	Google Apps Textbook for		
			Beginners by George		
		Drag and Drop	Somers, 2014.		
		Move to: Menus			
		Moving Multiple Files and			

		Folders Vocabulary: 1. File Management 2. Folders 3. Subfolders 4. File Hierarchy 5. Drop and Drag			
les and Folders	15.3.12.D 15.3.12.S 15.4.12.A	Sharing Files and Folders Access Rights - Links Sharing Finding Your Files Color Coding of Folders Uploading Files and Folders Converting from one platform to another Downloading Files and Folder Vocabulary: 1. Backup	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	Teacher Generated Tests and Projects	2 days

		 Search criteria Upload Download 		
rocessing Menus and s	15.3.12.B 15.3.12.D 15.3.12.I 15.3.12.S 15.4.12.A	Various Menus and Editing Toolbars Vocabulary: 1. Interface 2. Drop Down Menu 3. Toolbar 4. Dialog Box 5. Files 6. Help	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	2 days
ent Generation	15.3.12.B 15.3.12.D 15.3.12.I 15.3.12.S 15.4.12.A	Print Options Find/Replace Text Spellchecking Selecting Text Cut, Copy, & Paste Editing Drag and Drop Editing Working with Fonts Vocabulary:	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	2 days

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		 Insertion point Views Title bar Horizontal Scrollbar Cut and Paste Drop and Drag Spell Check Fonts Font Size Point Format Painter Portrait Landscape 			
र With Paragraphs	15.3.12.B 15.3.12.D 15.3.12.I 15.3.12.S 15.4.12.A	Paragraph Indents Paragraph Line Spacing Paragraph Justification Outlines and Bullet Points Tabs Vocabulary: 1. Line Spacing 2. Alignment 3. Justification	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.		2 days

		4. Tabs5. Indent6. Bullets7. Multilevel List		
S	15.3.12.B 15.3.12.D 15.3.12.I 15.3.12.S 15.4.12.A	Images, Photos, Clipart, Shapes and Graphic Objects Vocabulary: 1. Images 2. Clipart 3. Graphics 4. Wordwrap 5. Sizing Handles	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	2 days
ttings	15.3.12.B 15.3.12.D 15.3.12.I 15.3.12.S 15.4.12.A	Margins Page Breaks Headers and Footers Vocabulary: 1. Margin 2. Page Break 3. Header	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	2 days

		4. Footer		
	15.3.12.B	Entering and Editing Text	Mastering Google Drive and	2 days
	15.3.12.D		Docs by Saqib Khan, 2015.	
	15.3.12.I	Formatting Borders and		
	15.3.12.S	Cells	Google Drive Essentials: A	
	15.4.12.A		Google Apps Textbook for	
		Vocabulary:	Beginners by George	
			Somers, 2014.	
		1. Table		
		2. Borders		
		3. Cells		
		4. Sort		
		5. Merge cells		
		6. Split cells		
		7. Cell Reference		
Contents and Index	15.3.12.B	Use and Formatting	Mastering Google Drive and	2 days
	15.3.12.D		Docs by Saqib Khan, 2015.	
	15.3.12.I	Vocabulary:		
	15.3.12.S		Google Drive Essentials: A	
	15.4.12.A	1. Table of Contents	Google Apps Textbook for	
			Beginners by George	
			Somers, 2014.	
Skills Applications and	15.3.12.B	All Skills Listed for Word	Mastering Google Drive and	30 days
;	15.3.12.D	Processing	Docs by Saqib Khan, 2015.	
	15.3.12.I			
	15.3.12.S		Google Drive Essentials: A	
	15.4.12.A		Google Apps Textbook for	

g a Spreadsheet e and Menus	15.1.12.E 15.3.12.D 15.3.12.I 15.3.12.S 15.4.12.A	Various Menus and Editing Toolbars Vocabulary: 1. Spreadsheet 2. Menus 3. Toolbars 4. Formula Bar 5. Cell 6. Cell Address 7. Active Cell 8. Tabs 9. Range	Beginners by George Somers, 2014. Word It! and Learn by Doing Projects developed by B.E. Publishing Other projects developed or found by the instructor. Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	2 days
IS	15.1.12.E 15.3.12.D	Simple Formulas	Mastering Google Drive and	3 days
	15.3.12.D 15.3.12.I	Copy Formulas	Docs by Saqib Khan, 2015.	
	15.3.12.5	Copy i ormanas	Google Drive Essentials: A	
	15.4.12.A	Formulas Using Dates	Google Apps Textbook for	
	13.7.12.7	Torritaids Osing Dates	Beginners by George	
		MAX, MIN and AVERAGE	Somers, 2014.	

	FUNCTIONS		1
	FUNCTIONS		
	Absolute References		
	Vocabulary:		
	 Formula prefix Arithmetic operators Complex formulas Functions Max Min Average Absolute 		
	Reference		
15.1.12.E 15.3.12.D 15.3.12.I 15.3.12.S	Insert Columns and Rows Formatting Text and Cells Format number, dates,	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A	2 days
15.4.12.A	time, currency and more	Google Apps Textbook for Beginners by George	
	Merging cells	Somers, 2014.	
	Borders		
	Conditional Formatting		
	Hide Gridlines		

		Data Sort Vocabulary: 1. Format 2. Font 3. Font Size 4. Point 5. Alignment 6. Autofit 7. Conditional Formatting 8. Borders 9. Shading		
n Chart (Same eet) n Chart (Separate eet)	15.1.12.E 15.3.12.D 15.3.12.I 15.3.12.S 15.4.12.A	Create a Chart Formatting a Chart Editing data in a Chart Vocabulary: 1. Y-Axis 2. X-Axis 3. Value Axis 4. Gridlines 5. Legend 6. Data Points 7. Data Series	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	2 days

Skills Applications and	15.1.12.E	All Skills Listed for	Mastering Google Drive and	30 days
}	15.3.12.D	Spreadsheets	Docs by Saqib Khan, 2015.	
	15.3.12.I			
	15.3.12.S		Google Drive Essentials: A	
	15.4.12.A		Google Apps Textbook for	
			Beginners by George	
			Somers, 2014.	
			Excel It! and Learn by Doing	
			projects developed by B.E.	
			Publishing	
			Other projects developed or	
			found by the instructor.	
g Presentation	15.2.12.0	Various Menus and	Mastering Google Drive and	1 day
e Interface and Menus	15.3.12.D	Editing Toolbars	Docs by Saqib Khan, 2015.	
	15.3.12.G			
	15.3.12.I	Vocabulary:	Google Drive Essentials: A	
	15.3.12.S		Google Apps Textbook for	
	15.4.12.A	1. Menus	Beginners by George	
	15.4.12.G	2. Toolbars	Somers, 2014.	
		3. Thumbnails		
		4. Slide pane		
		5. Notes pane		
	15.2.12.0	Create Slides	Mastering Google Drive and	2 days
	15.3.12.D		Docs by Saqib Khan, 2015.	
	15.3.12.G	Insert Slides		
	15.3.12.I		Google Drive Essentials: A	
	15.3.12.S	Duplicate Slides	Google Apps Textbook for	
	15.4.12.A		Beginners by George	

15.4.12.G	Reorder Slides	Somers, 2014.	
	Delete Slides		
	Spell Check		
	Importing a Powerpoint File		
	Vocabulary:		
	 Text placeholders Title placeholders Objects Slide Layouts Content placeholder 		
15.2.12.0	WordArt	Mastering Google Drive and	2 days
15.3.12.D		Docs by Saqib Khan, 2015.	
15.3.12.G	Background		
15.3.12.I		Google Drive Essentials: A	
15.3.12.S	Vocabulary:	Google Apps Textbook for	
15.4.12.A		Beginners by George	
15.4.12.G	1. WordArt	Somers, 2014.	
15.2.12.0	Changing or Adding	Mastering Google Drive and	3 days
15.3.12.D	Themes to a Slide or	Docs by Saqib Khan, 2015.	-
15.3.12.G	Presentation		
15.3.12.1		Google Drive Essentials: A	

	15.3.12.S	Vocabulary:	Google Apps Textbook for	
	15.4.12.A		Beginners by George	
	15.4.12.G	1. Theme	Somers, 2014.	
		2. Theme colors		
		3. Theme fonts		
		4. Theme effects		
g Layout of a Slide	15.2.12.0	Transitions		3 days
	15.3.12.D			
	15.3.12.G	Animations		
	15.3.12.I			
	15.3.12.S	Viewing Slideshows		
	15.4.12.A			
	15.4.12.G	Vocabulary:		
nal enhancements to a	15.2.12.0	Inserting Tables	Mastering Google Drive and	3 days
ation	15.3.12.D		Docs by Saqib Khan, 2015.	
	15.3.12.G	Charts		
	15.3.12.I		Google Drive Essentials: A	
	15.3.12.S	Videos	Google Apps Textbook for	
	15.4.12.A		Beginners by George	
	15.4.12.G	Textboxes	Somers, 2014.	
		Shapes in a Presentation		
		Speaker Notes		
		Buttons and Hyperlinks		
		Vocabulary:		

		 Tables Charts Series Textbox Shapes Sizing handles Alignment Notes Buttons Hyperlinks 		
Skills Applications and	15.2.12.0 15.3.12.D 15.3.12.G 15.3.12.I 15.3.12.S 15.4.12.A 15.4.12.G	All Skills Listed for Presentations	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014. Present It! and Learn by	30 days
			Doing projects developed by B.E. Publishing. Other Projects developed or found by the instructor.	
र Software and e	15.3.12.D 15.3.12.I 15.3.12.S 15.4.12.A	Various Menus and Toolbars Vocabulary:	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A	1 day

	15.4.12.G	1. Menus 2. Toolbars	Google Apps Textbook for Beginners by George Somers, 2014.	
· · · · · · · · · · · · · · · · · · ·	15.3.12.D 15.3.12.I 15.3.12.S 15.4.12.A 15.4.12.G	Creating Editing and Inserting New Elements Applying Formatting to a Drawing Vocabulary:	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014.	3 days
		 Shapes Arrows Callouts Equation 		
in a Drawing	15.3.12.D 15.3.12.I 15.3.12.S 15.4.12.A 15.4.12.G	Select, Align, Group and Ungroup Objects in Drawing Vocabulary:	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George	3 days
		 Object Vertical Alignment Horizontal Alignment Grouping Ungrouping Regrouping 	Somers, 2014.	

Skills Applications and	15.3.12.D	All Skills Listed for	Mastering Google Drive and	10 day
	15.3.12.I	Drawings	Docs by Saqib Khan, 2015.	
	15.3.12.S 15.4.12.A		Google Drive Essentials: A	
	15.4.12.A 15.4.12.G		Google Apps Textbook for	
	13.4.12.0		Beginners by George	
			Somers, 2014.	
			Learn by Doing Project	
			developed by B.E. Publishing	
			Projects developed or found	
			by the instructor.	
Forms Software and	15.3.12.D	Various Menus and		1 day
е	15.3.12.I	Toolbars		
	15.3.12.S			
	15.4.12.A	Vocabulary:		
	15.4.12.G			
		1. Menus		
		2. Toolbars		
र Survey Forms	15.3.12.D	Section Headings	Mastering Google Drive and	5 days
	15.3.12.I		Docs by Saqib Khan, 2015.	
	15.3.12.S	Images in a Form		
	15.4.12.A		Google Drive Essentials: A	
	15.4.12.G	Page Breaks in a Form	Google Apps Textbook for	
			Beginners by George	
		Vocabulary:	Somers, 2014.	

Skills Applications and	15.3.12.D 15.3.12.I 15.3.12.S 15.4.12.A 15.4.12.G	1. Survey 2. Response Destination 3. Grid 4. Page Breaks 5. Images All Skills Listed For Forms	Mastering Google Drive and Docs by Saqib Khan, 2015. Google Drive Essentials: A Google Apps Textbook for Beginners by George Somers, 2014. Learn by Doing Project developed by B. E. Publishing Other project developed or found by the instructor.	10 days
and Finals			Instructor generated Projects.	15 days