

# STGRSD Technology Plan

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ROLLOUT PLAN

DEVICES

INSTRUCTIONAL PRACTICE

APPLICATIONS



# Rollout Plan

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The rollout is scheduled to take place over the next four years.

When the full 1:1 rollout is complete, all students will have access to a device during the school day, all teachers will have devices, each classroom will have a dedicated device, and all classrooms will have wireless projection capabilities.

## Year 1: 2019-2020

- SRS - 7th and 8th grade 1:1 with laptops  
all CoW's and labs available 9-12
- Powder Mill – 3 additional CoW's  
teacher laptops 5th and 6<sup>th</sup>  
replace projectors
- Woodland - K-1 - iPad pilot  
2nd – laptop stations  
mounted projectors

## Year 2: 2020-2021

- 5th, 6th, and 9th grade

## Year 3: 2021-2022

- 10th-12th grade

## Year 4: 2022-2023

- 3rd and 4th grade

# Devices

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Student – 11.6 inch,  
touchscreen laptop with 360  
degree hinge

Teacher – 15.6 inch, non-  
touch, laptop with number  
pad

OS – Windows 10

Wireless Projection – iogear  
adapter



What does a  
CoW have to  
do with  
technology?



**CoW Stands for:**

**Computer on Wheels**

A CoW holds enough devices for an  
entire classroom of students.

More CoWs allow more classrooms  
to access technology.



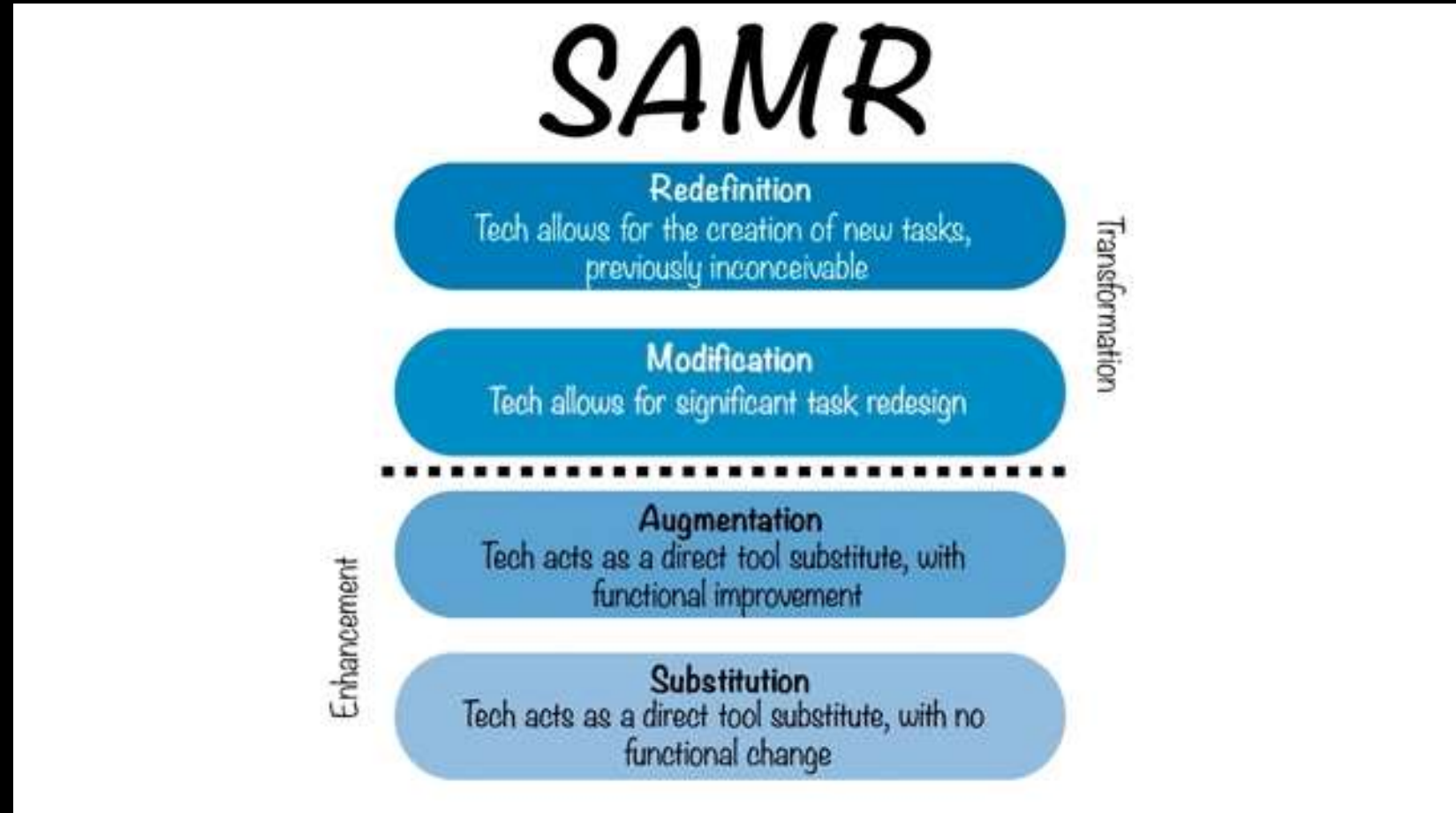


# Instructional Practice

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## SAMR

Dr. Ruben Puentedura developed the SAMR model as a way for teachers to evaluate how they are incorporating technology into their instructional practice.



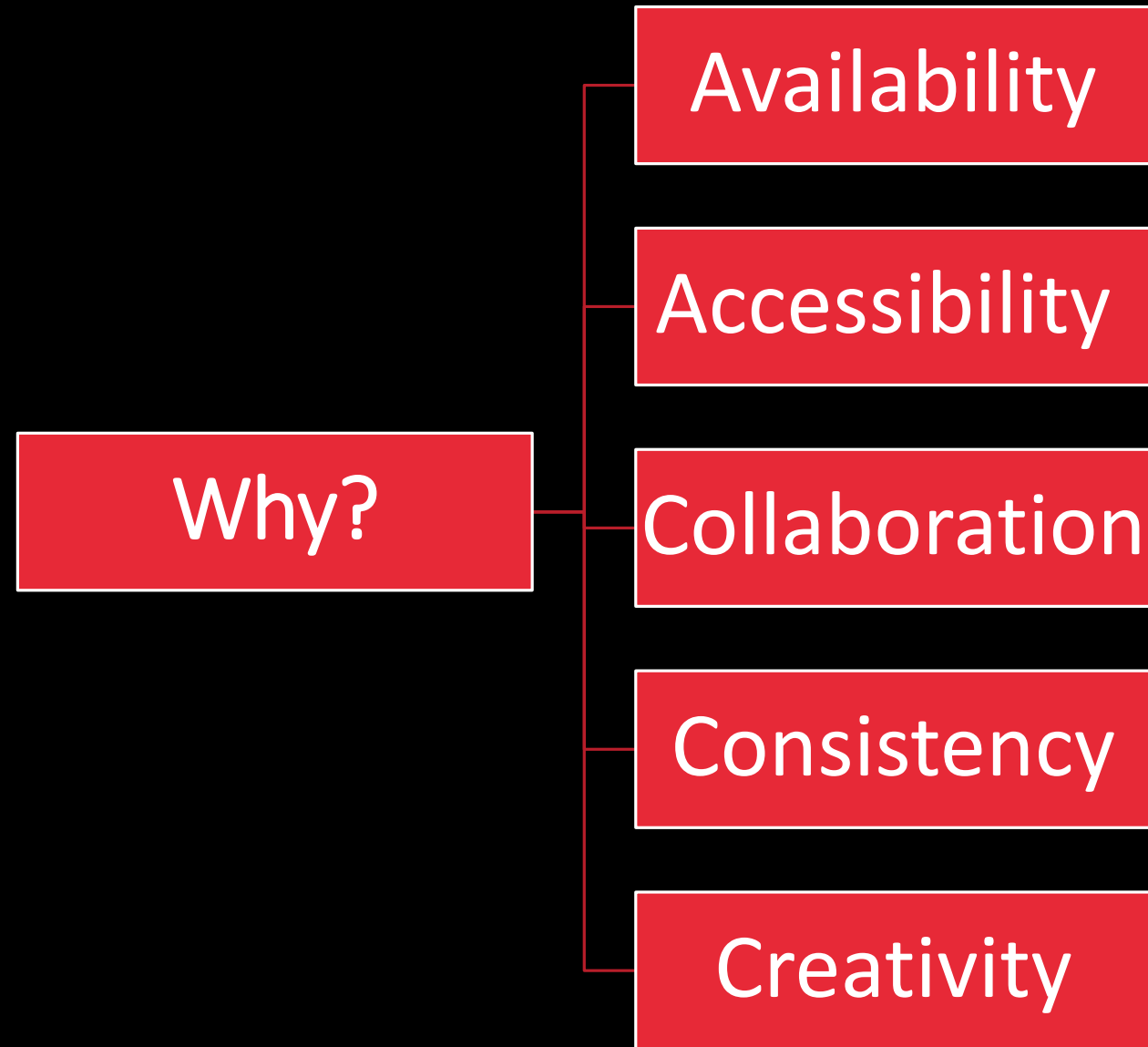
[Dr. Ruben R. Puentedura](#)

[Click Here to Watch an Introduction to Dr. Puentedura's SAMR Model on YouTube.](#)

# Applications

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Microsoft 365 and its suite of applications offer a cloud-powered productivity service that empowers people, data, and systems to communicate in new ways.





## Mail

- Read, write, and organize emails
- Add attachments and hyperlinks
- Add a signature
- Create an auto-reply

## Calendar

- Create, view, and share calendars
- Invite people to meetings and events
- Include locations
- Add descriptions and link or attach documents

The screenshot displays the Microsoft Outlook application interface. The top portion shows an email window with a list of messages on the left and a detailed view of an email from Wendy Zollner. The email content includes a subject line 'Vitamin K2 Promotion from BioGanix', a 'Hi Tracy' greeting, and a link to a Facebook group. Below the email view, the Outlook Calendar is visible, showing a monthly view for August 2016. The calendar includes a grid of dates with event markers and a detailed view for Thursday, August 18, 2016, listing two baseball games: 'Detroit Tigers vs Boston Red Sox | MLB' and 'Cleveland Indians vs Chicago White Sox | MLB'.



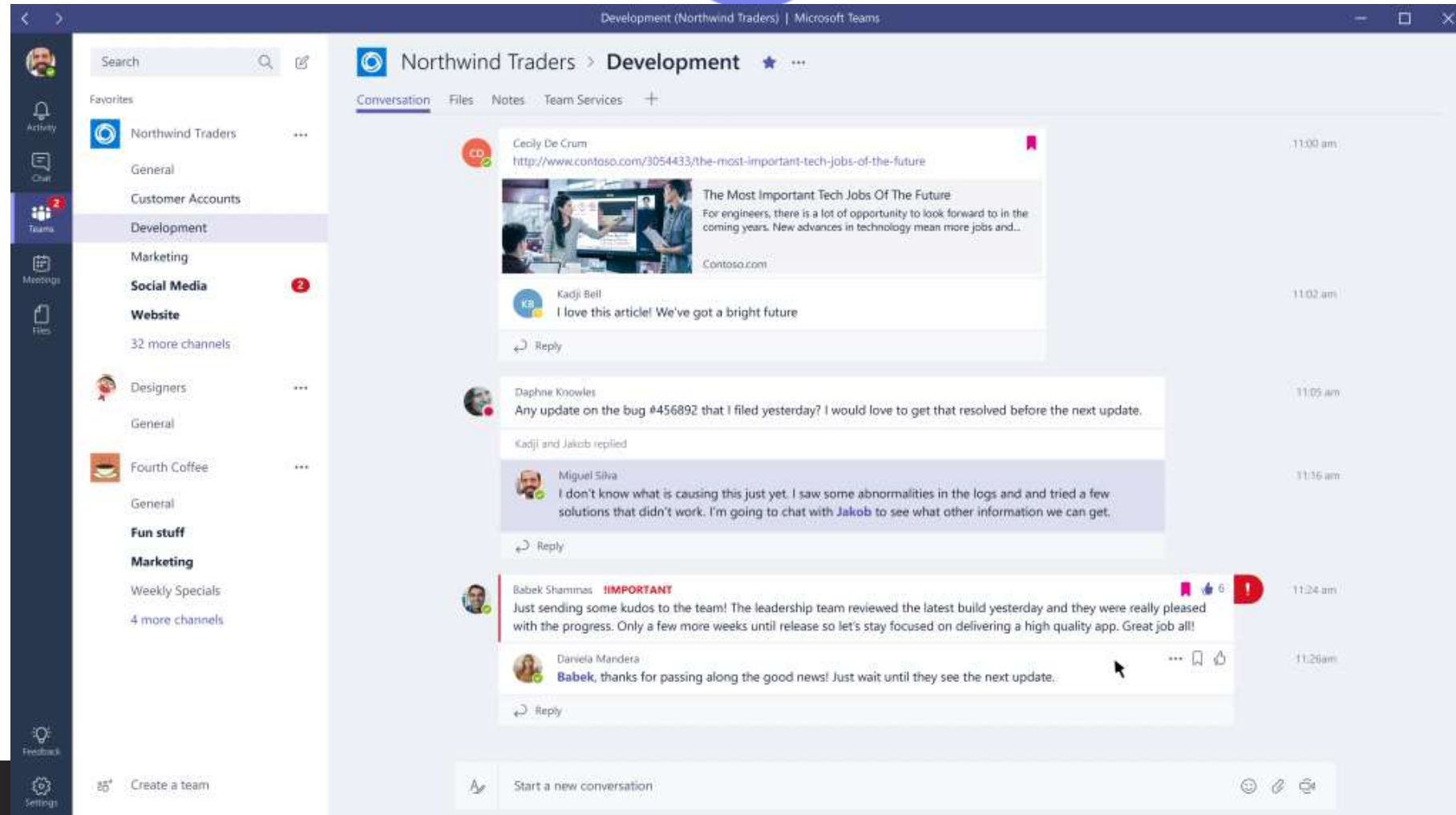
- Cloud storage accessible from any internet connected device
- Create new files and folders
- Upload existing files and folders
- Share documents with colleagues and students
- Create shareable links to documents to link in other documents, applications, or websites
- Manage access by types of accounts, view only , editing privileges, passwords, and expiration dates







- Collaboration space for classes and professional groups
- Create channels for topics
- Each channel has unique conversation space and file storage
- OneNote notebook created for each Team
- Create, distribute, and collect assignments for classes






- Create surveys and quizzes
- Quick checks for understanding and data gathering
- Immediate feedback to students with tips and links to resources
- Branching can be used to have students try new questions on the same topic until they get it right
- Can be distributed in Teams

Questions Responses

## SRS Faculty




1. Question 

Option 1

Option 2

+ Add option Add "Other" option

Multiple answers  Required ...

+ Choice  Text  Rating  Date ...

- Ranking
- Likert
- Net Promoter Score®
- Section



# OneNote



- Digital notebook to organize class materials
- Organized in sections and pages
- Content pages are visible by each person in class
- Class can work together in collaboration space
- Each student has their own folder that only they and the teacher can see
- Teacher can distribute pages to whole class or individuals
- Clip to OneNote Chrome extension to pull content from Internet

The screenshot shows the OneNote application interface. The title bar indicates the notebook is titled "Geometry" and the user is "Aimee Owens". The ribbon includes "Home", "Insert", "Draw", and "View". The left sidebar shows a list of notebooks, with "Geometry" selected. Under "Geometry", there are sections: "Welcome", "Collaboration Space", "Content Library", "Aimee Owens" (containing "Handouts", "Class Notes", "Homework", and "Quizzes"), and "3-D equations" (containing "Area"). The main content area displays the "3-D equations" section with three diagrams: a cube with side length  $s$  and volume  $V=s^3$ ; a circular cone with radius  $r$  and height  $h$  and volume  $V=\frac{1}{3}\pi r^2 h$ ; and a rectangular prism with height  $h$ , width  $b$ , and depth  $c$ . Three labels with arrows point to the interface: "Notebooks" points to the sidebar, "Sections" points to the "3-D equations" section, and "Pages" points to the "Area" page.