Instructional Strategies Aligned with Virtual Platforms

PD Training Strategy/Pedagogy	Virtual PD Analogous Platform/Feature	Description
Direct instruction/ lecture/whole group instruction	*Zoom* "general meeting" feature	Virtual meeting platform; record lectures and presentations
	Google Meet	Google Meet is meant to be a lightweight video chat service.
	WebEx	Virtual meeting platform.
	Adobe Connect	Adobe Connect is a suite of software for remote training, web conferencing, presentation, and desktop sharing. All meeting rooms are organized into pods, with each pod performing a specific role.
	Edmodo	Enables teachers to share content and manage communication with students, colleagues, and parents. Facebook type interface.
	Google Hangouts	Group video conferencing.
Powerpoint and videoclips	*Zoom* "general meeting" feature with host "sharing screen" option	Virtual meeting platform with ability to share screen and show Powerpoints and videoclips.
	EdPuzzle	Create amazing video lessons in minutes. Choose any video or upload your own.
	Prezi	Dynamic alternative to Powerpoint for presentations
	Google Slides	*Google Slides* is a presentation software included as part of a free, web-based software office suite offered by Google within its Google Drive service. Upload a Powerpoint into Google drive and it can be coverted and opened with Google Slides.
	Padlet	Create "shelves" to archive PPt lessons and recorded distance learning sessions.
	Nearpod	Create interactive lessons by importing existing lessons (pdf's, jpegs, ppts, videoclips); Integrates with Google Slides.
	Animoto	Create and edit videos (both teacher and students); Free (30 second video length limit)
	Pear Deck	Students can view a presentation from their own device. The presentation can be locked to move with the teacher or at the student's own pace.
	Screencastify	Screencastify is a Chrome browser extension that records your screen, face, voice, and more. Choose among the recording options or use your webcam to record or insert a video of yourself.
	Screencaster	Simple and intuitive tool for video recording and editing.

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Small group discussion/ projects	*Zoom*- create breakout rooms	Virtual meeting platform with break out room capability.
	Google Jamboard	A collaborative, digital whiteboard makes it easy to create without boundaries and share ideas in real time. Jamboard moves the whiteboard to the cloud.
	Google Docs/Sheets	*Google Docs* can be used as a shared student collaborative document, while Google Sheets can be used to record small group data.
	Padlet	Tutorial tool to use with breakout rooms. Create "shelves" with activities specific to each small group.
	Pear Deck	Students can contribute to a lesson through embedded questions and polls.
Charting a discussion	*Zoom* "Whiteboard"	Whiteboard allows you to share a whiteboard that you can annotate on with your students.
	Google Jamboard	A collaborative, digital whiteboard makes it easy to create without boundaries and share ideas in real time. Jamboard moves the whiteboard to the cloud.
	Nearpod	Create interactive discussions.
Individual student presentations	*Zoom* "general meeting" feature AND host "joining a breakout room" for smaller sharing groups	Teacher can set Zoom sharing parameters so student groups can share a project presentation from their laptop or smart phone.
Online gaming for formative assessment checks	*Kahoot- Zoom* "general meeting" feature with host "sharing screen" option. Additional online gaming.	Play interactive review games in real time or independently in the challenge/self-paced mode.
	Quizlet- Zoom "general meeting" feature with host "sharing screen" option	Create practice quizzes for your students, run team style and individual games to review with your students
	Powerpoint Test-Prep Files- *Zoom* "general meeting" feature with host "sharing screen" option	Use Powepoint to create interactive, visual presentations with "fillable" text boxes.
	Quizzizz	Free gamified quizzes to play in class and at home. Pick an existing quiz or create your own for review and formative assessment.
	GoFormative	A web-based tool that allows teachers to create digital formative assessments, from any electronic device: laptop, tablet, or smartphone
	GradeCam	Create and customize assessments that can be scored in seconds using a smartphone, a tablet, a document camera, or a webcam.

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Quiz and tests	*Zoom* Polls	The polling feature with Zoom allows you to create single choice or multiple choice polling questions for your class sessions. You will be able to launch the poll during your class and gather the responses from your students. You also have the ability to download a report of polling after instruction.
	Google Docs	*Google Docs* can be used as a shared student collaborative document and individual student assessment tool.
	Nearpod	Create quizzes, tests, polls, Matching Pairs activities + more eGames.
	Edmodo	Teachers can distribute quizzes and tests to students using this platform.
	Pear Deck	Students can interact with a lesson via embedded assessments and polls to check for understanding.
	EdPuzzle	Create amazing videos, embed your own assessment questions, and track your students' progress.
	Email students a quiz/test	Use your district email listserve to send assessments to your students (no safeguards in place to avoid cheating)
Student online research	*Zoom* Breakout Rooms	Teacher can set Zoom sharing parameters so student groups can present their research projects with the entire class.
Questioning during class discussion	Zoom "raise hand" function	Allows students to raise their hand to indicate they need something from the teacher or have a question they would like to pose.
	Zoom "chat" messaging function	The in-meeting chat allows a participant to send chat messages to other users within a class. You can send a private message to an individual user or you can send a message to an entire group. As the teacher, you can choose who the participants can chat with or to disable chat entirely.
Checking for understanding (formative assessment)	*Zoom* "Whiteboard"	Whiteboard allows you to share a whiteboard that students can annotate on to get immediate formative assessment feedback.
	Zoom "raise hand" function	Allows students to raise their hand to indicate they need something from the teacher or have a question they would like to pose.
	Zoom "chat" messaging function	The in-meeting chat allows a teacher to pose questions and solicit student responses for formative assessment checks.

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Students sharing individual/small group work	*Padlet*- "sharing"	Create "shelves" as a repository for student group projects.
	Powerpoint- "sharing"	Use Powepoint to create interactive, visual presentations with "fillable" text boxes for individual and small group work.
	Flipgrid Remote Learning	Flipgrid is a website that allows teachers to create "grids" to facilitate video discussions. Each grid is like a message board where teachers can pose questions, called "topics," and their students can post video responses that appear in a tiled grid display.
	Screencast-O-Matic	Simple and intuitive tool for video recording and editing.
	Nearpod	Create student collaborate boards.
Two-way communication with students	*Remind*	Send text reminders to groups.

For additional *Distance Learning* and *STEAM At Home* resources, visit our website at:

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