The New York State Office of Religious and Independent Schools

PROFESSIONAL DEVELOPMENT RESOURCE CENTER (PDRC)

The Upstate PDRC – All NYS Regions North of NYC

A QUICK GUIDE to
Presenting Content
in Virtual Classrooms:
A Continuum of Options

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NYS ED .gov
New York State EDUCATION DEPARTMENT
Knowledge › Skill › Opportunity

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Goals of this Quick Guide

- Share strategies for maximizing time and teacher presence in teaching in virtual settings.

- Offer a continuum of lo-tech or no tech options for teaching content and engaging students in person or remotely.
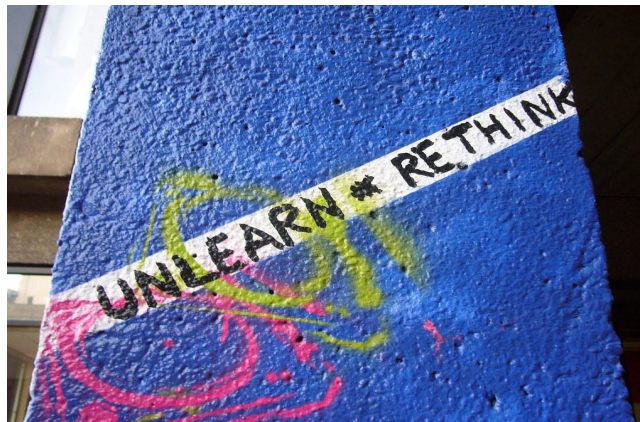
Think about your daily class schedule in a 'normal' school year...

How is time divided or allocated?

What percentage of instructional time are you present (F2F contact) with students?
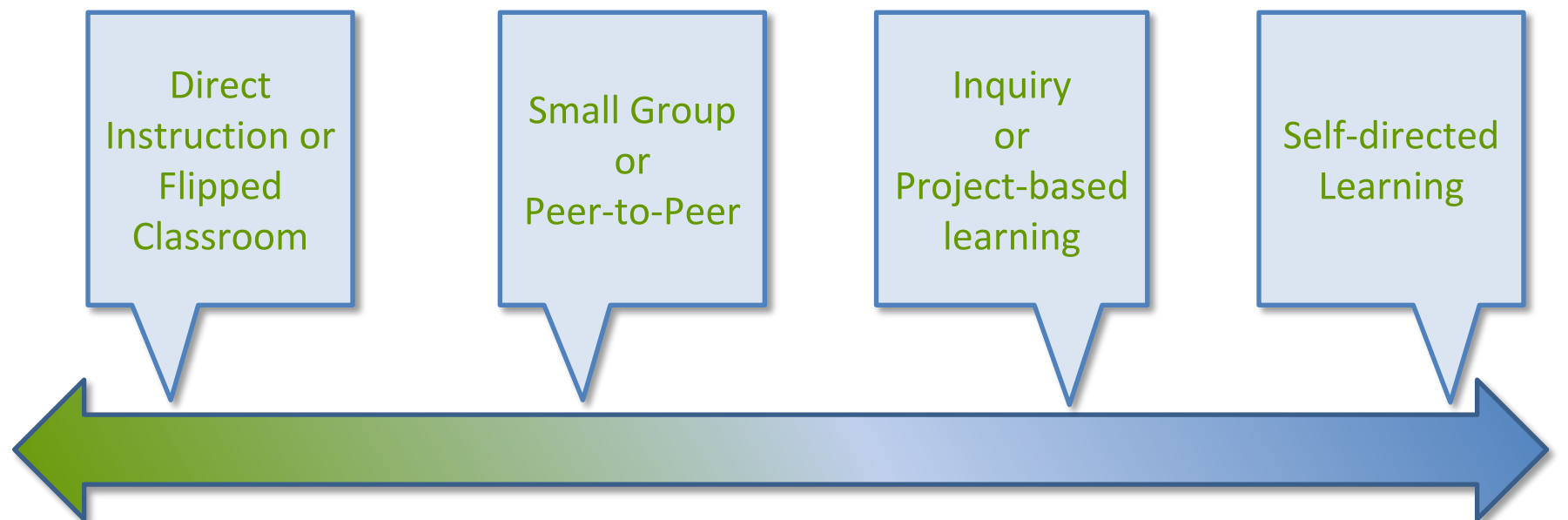
Virtual teaching forces us to RETHINK

★ The allocation of time

★ Teacher presence in the learning process

Research on Teacher Presence:
https://www.pearsoned.com/wp-content/uploads/INSTR6230_TeachingPresence_WP_f.pdf

Image by Jonas Bengtsson at Flickr.com
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| Direct Instruction or Flipped Classroom | Small Group or Peer-to-Peer | Inquiry or Project-based learning | Self-directed Learning |

(decreasing levels of teacher presence, increasing levels of student autonomy)

Teacher Centered

Student Centered

-Large or small group
-Lecture, guided practice, modeling:(eg: Explicit Instruction, GRR)

Flipped:
-Traditional lecture and HW/guided practice are reversed.

-Two or more students,
-Structured collaboration,
-Learn something or complete a task

-Real world, meaningful and complex questions;
-Hands-on, challenging authentic tasks;
-Extended period of time;

-Choice boards and tiered assignments;
-Activity packets/ "seat work" *but students 'drive.' Not busy work*

$$7 + 2 =$$

Direct
Instruction

When is it appropriate online?

- New content
- Large/lengthy amounts of content
- Models or demonstrations
- Building Community
- SEL-controversial or sensitive content

Direct Instruction

What are effective ways to deliver it?

- Micro Lectures/chunked content
- Visuals
- Bullet points
- Annotated Slides (*need to know* v *nice to know*)
- Storyboarding
- Listening/viewing Guides
-

Resources for
Online Direct Instruction

The Direct Instruction Method: A Guide to Effective Instruction

https://www.bookwidgets.com/blog/2019/03/direct-instruction-a-practical-guide-to-effective-teaching

National Institute on Direct Instruction

https://www.nifdi.org/

See especially archived webinar: Delivering Direct Instruction in the Virtual Classroom

https://www.youtube.com/watch?v=rtS_YVvIKro

3 Steps to Chunking your Online Course

https://www.digitalchalk.com/resources/blog/tips-and-tricks/3-steps-to-chunking-your-online-course

Content Chunking: The Basis To An Engaging And Well Designed Course

https://elearningindustry.com/content-chunking-engaging-course

4 Tips for Chunking Content in e learning

https://elearningindustry.com/4-tips-for-content-chunking-in-e-learning

Chunking Information For Instructional Design

http://theelearningcoach.com/elearning_design/chunking-information/

The Elearing Design Book (has good strategies for chunking, writing objectives, organizing content, etc)

https://resources.commlabindia.com/hubfs/elearning-components/ebook/instructional-design-101-commlab.pdf

Small Group or Peer-to-Peer

When is it appropriate online?

- subgoals (eg: socialization, collaboration, communication)

- practice or application of content and HOTS (eg: Debate a topic, create a product…)

- exploration of text (collaborative strategic reading)

- quiz or test prep

WHAT ARE SOME EFFECTIVE WAYS TO STRUCTURE IT?

- Peer Tutor Scripts, Reference Cards, Cue Cards

- Use of paras/complementary special area teachers

- lo tech: International pen pals (see resource sheet)

- Out of class partners eg: 'stump the other class'

- reciprocal learning
  https://www.cultofpedagogy.com/reciprocal-learning/

- Station Teaching and Learning Centers

Resources for online Collaborative Learning

Virtual Group Work Ideas

https://ditchthattextbook.com/20-easy-ways-to-collaborate-globally-with-your-class-now/

Peer to Peer Learning

https://www.techsmith.com/edu-k12-peer-to-peer.html

Collaborative Strategic Reading

https://alisonyang.weebly.com/blog/collaborative-strategic-reading-csr#.X0V8QvhKhfl

Reciprocal Learning

https://www.cultofpedagogy.com/reciprocal-learning/

 Reciprocal Teaching Guided Sheet for Reading

https://www.litinfocus.com/reciprocal-teaching-simplified/

Using Breakout Rooms Effectively

https://athelp.sfsu.edu/hc/en-us/articles/360029698994-Using-breakout-rooms

How to Design a Quick Reference Card

http://theelearningcoach.com/media/graphics/design-a-quick-reference-card

International Pen Pal Programs:

https://kidworldcitizen.org/pen-pal-programs/
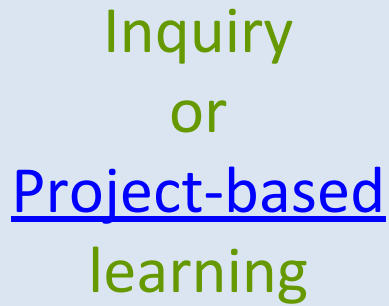
Virtual Pen Pal Program (*free during eCovid Pandemic*)

https://www.weareteachers.com/virtual-pen-pals/

Station Teaching/Learning Centers

https://www.weareteachers.com/virtual-stations/

Inquiry
or
[Project-based](#)
learning

When is it appropriate online?

- Deep Investigation
- Develop inquiry skills
- Synthesize several skills or content areas
- Promote independent learning
- Increase motivation through for choice/control/autonomy

Inquiry
or
[Project-based](#)
learning

What are some effective ways to structure it?

● Start with an existing project

--yours/original

--from on-line resource

--something you're passionate about

● Start with just a slice

● Structure/scaffold with digital touchpoints

Resources for Online Project Based Learning

16 Ideas for Student Projects using Google Docs, Slides, and Forms
https://www.cultofpedagogy.com/google-student-projects/

Famous Person On line Project (good example of how to structure a project with a digital home base)
https://docs.google.com/document/d/1e4moxtUx-CUEXgksNBKaB0hyXt7uWX2bMp2q-T7V5ks/template/preview

School Closures? Using PBL in Remote Learning
https://www.pblworks.org/blog/school-closures-using-pbl-remote-learning

Using Google Classroom to support PBL
https://my.pblworks.org/resource/blog/using_google_classroom_to_support_pbl

Google Apps to support PBL
https://www.pblworks.org/blog/google-apps-education-enhances-project-based-learning

Self-directed Learning

When is it appropriate in remote or virtual classrooms?

- Reinforce/Review/Application
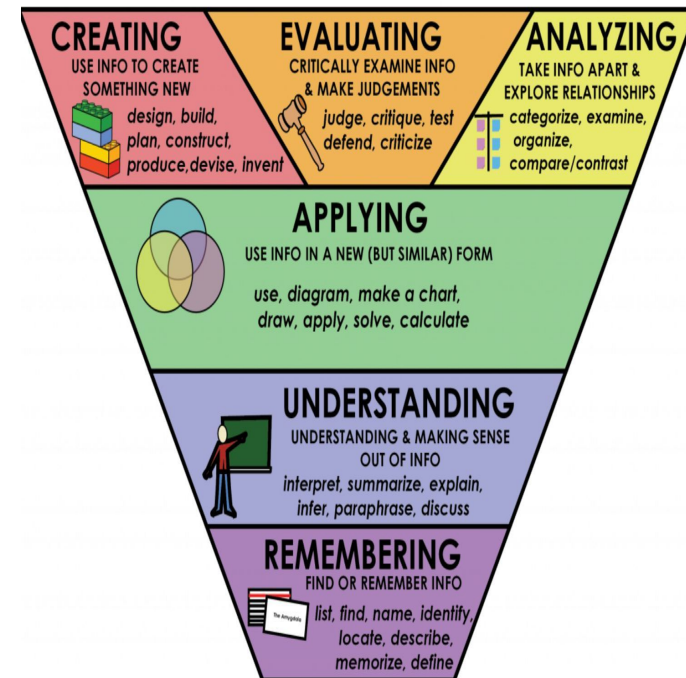- Skill Building
- Promote choice/control/autonomy

What are some effective ways to structure it?

Think Bloom!

- Tiered Assignments/Choice Boards
- Graphic Organizers (T charts, Venn, etc)
- Annotation Guides
- Data Collection and Analysis sheets
- Listening Guides
- "Make Your Own" instruction guides

BLOOM'S TAXONOMY

CREATING — USE INFO TO CREATE SOMETHING NEW — design, build, plan, construct, produce, devise, invent

EVALUATING — CRITICALLY EXAMINE INFO & MAKE JUDGEMENTS — judge, critique, test defend, criticize

ANALYZING — TAKE INFO APART & EXPLORE RELATIONSHIPS — categorize, examine, organize, compare/contrast

APPLYING — USE INFO IN A NEW (BUT SIMILAR) FORM — use, diagram, make a chart, draw, apply, solve, calculate

UNDERSTANDING — UNDERSTANDING & MAKING SENSE OUT OF INFO — interpret, summarize, explain, infer, paraphrase, discuss

REMEMBERING — FIND OR REMEMBER INFO — list, find, name, identify, locate, describe, memorize, define

THE WORKSHEET CONTINUUM

BUSYSHEET
keeps kids busy but has little educational value

POWERSHEET
directly supports learning; may support other tasks

word searches
word scrambles
irrelevant coloring, cutting & pasting

recall questions
comprehension questions
labeling stuff

skills practice
(only as needed and not for a grade)

graphic organizers
note-taking templates
data collection tools
planning sheets

See Cult of Pedagogy Busy Sheets

Resources for self-directed independent learning on line

Setting up Norms for Independent Work

https://www.edutopia.org/article/setting-norms-independent-work

Guiding Students to be Independent Learners

https://www.edutopia.org/article/guiding-students-be-independent-learners

Cult of Pedagogy article with continuum of worksheets to busy sheets:

https://www.cultofpedagogy.com/busysheets/

4 Key Aspects of Teaching an Online Class (*see esp. section on "Developing an offline learning plan for independent work)*

https://www.edutopia.org/article/4-key-aspects-teaching-online-class

Choice Boards: Start here, but there's a lot on line:

Caitlyntucker.com

Key Takeaways

Content needs to be prioritized, chunked and slowed down.

Plan for a variety of delivery methods that

★ strike a balance between 'digital interaction' and meaningful 'off line' independent learning.

★ offer flexible timing and plan experiences that span multiple days.

★ vary teacher presence and promote student independence, choice and autonomy.

The Upstate Professional Development Resource Center exists to support the professional development of New York's independent school teachers and school leaders.

Look for more **Quick Guides** on the Upstate PDRC website

or let us know what **you** need on the **1:1 support page** https://www.nysed-soris-upstate-pdrc.org/