



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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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.

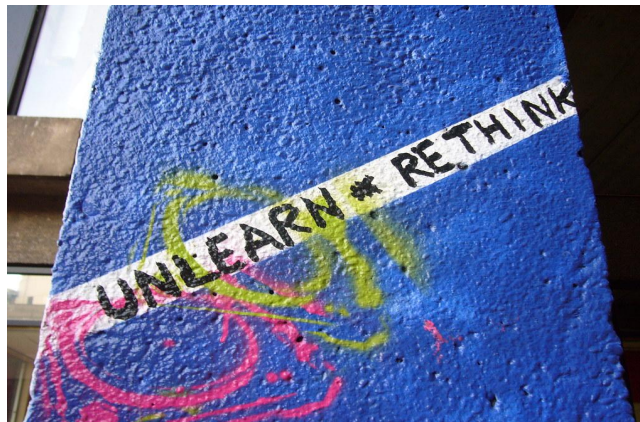
Think about your **daily class schedule** in a
'normal' school year...



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

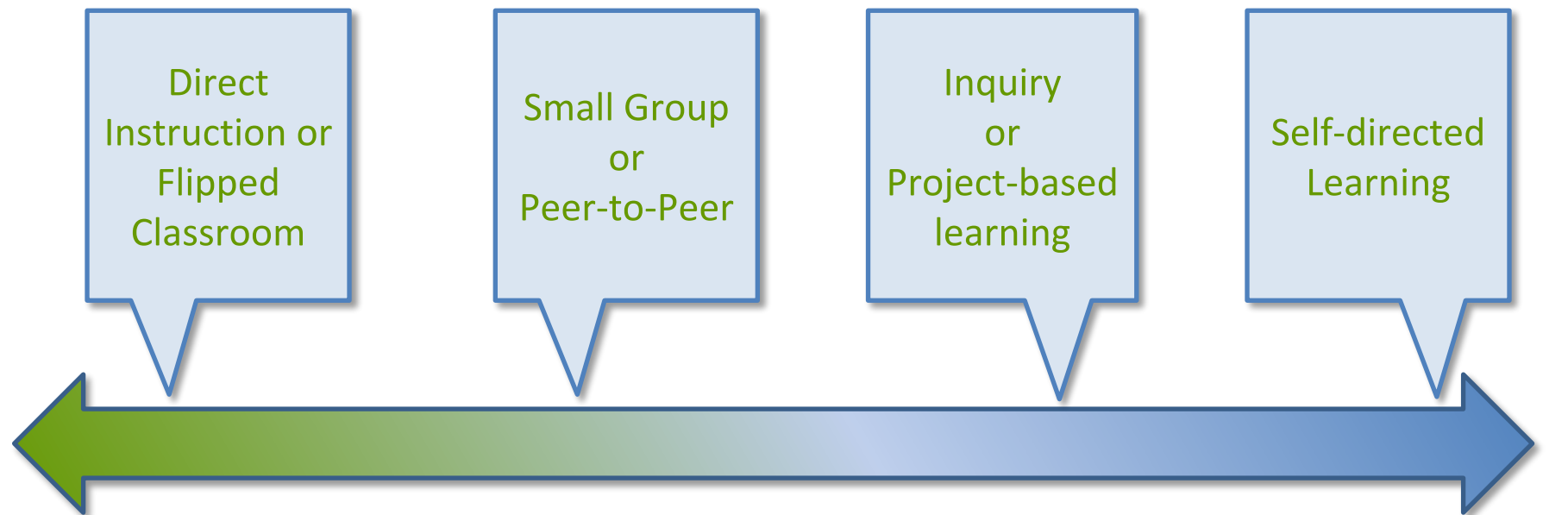
Research on Teacher Presence:

https://www.pearsoned.com/wp-content/uploads/INSTR6230_TeachingPresence_WP_f.pdf

Image by Jonas Bengtsson at Flickr.com

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(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

Direct
Instruction or
Flipped
Classroom

$$7 \pm 2 =$$





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 Elearning 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**



Small Group
or
Peer-to-Peer

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.litinfoocus.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://thelearningcoach.com/media/graphics/design-a-quick-reference-card>

International Pen Pal Programs:

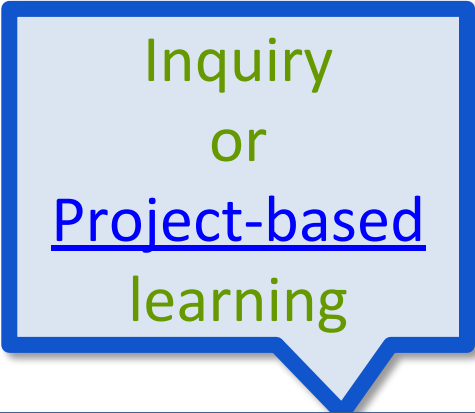
<https://kidworldcitizen.org/pen-pal-programs/>

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/1e4moxUx-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



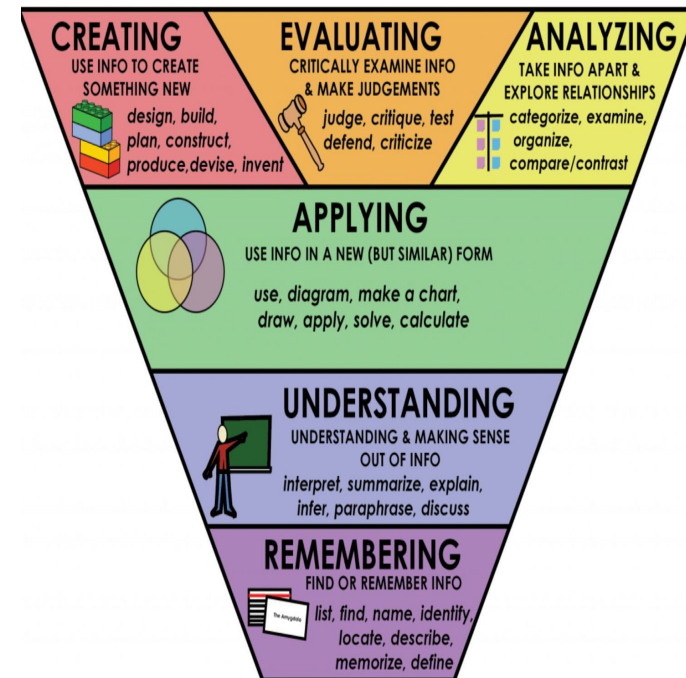
Self-directed Learning

WHAT ARE SOME EFFECTIVE WAYS TO STRUCTURE IT?

BLOOM'S TAXONOMY

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



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.



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PROFESSIONAL DEVELOPMENT RESOURCE CENTER (PDRC)

The Upstate PDRC - All NYS Regions North of NYC

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/>



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