Unlimited Possibilities for Learning Spaces

Hybrid Learning

ViewSonic®
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Blended learning is using both online and offline curricula in addition to traditional in-person classes supplemented or reinforced with technology. As blended learning is the overarching umbrella term, it also covers other types of learning including both hybrid learning and distance learning.

Hybrid learning refers to synchronous learning that teachers conduct to both in-person and online learners simultaneously. This could mean there are a few students in the physical classroom while others are at home or other learning spaces. This can also refer to a situation to where students spend half the day in the physical classroom while the other half are at home then they switch.

Distance learning is any form of remote education where students are not physically present for the lesson. Students are distanced from the physical area of learning and taught using some or all online methods.

Regardless of what kind of pedagogy you wish to facilitate, ViewSonic can create the perfect customized solution to help educators respond to any situation. Contact us to create educational spaces for better learning outcomes.
Defining Learning Environments

With evolving educational expectations, educators are changing the way they teach to fit the needs of different situations. However, the transition will be highly dependent on technology integrations. Before diving into different setups solutions, let’s look at ViewSonic’s definitions of different learning environments.

<table>
<thead>
<tr>
<th>Blended Learning</th>
<th>Hybrid Learning</th>
<th>Distance Learning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrating digital technology into lessons; most students attend in-person</td>
<td>Synchronous learning for in-class and online students simultaneously</td>
<td>Synchronous or asynchronous; students only attend classes remotely</td>
</tr>
</tbody>
</table>

**Definition**
- Blended Learning
  - Synchronous learning for in-class and online students simultaneously
- Hybrid Learning
  - Scheduled & arranged by the institution for students to attend in-class or online
- Distance Learning
  - Synchronous to be arranged by teachers or institution
  - Asynchronous students access lesson materials anytime

**Tech Tools**
- Blended Learning
  - Interactive Flat Panels
  - Non-Touch Displays
  - Projectors
  - Touch Monitors
  - Webcams
  - Wireless Microphones
  - Writing Device
  - Software Solutions
- Hybrid Learning
  - Touch Monitors
  - Non-Touch Monitors
  - Webcams
- Distance Learning
  - Touch Monitors
  - Non-Touch Monitors
  - Webcams
  - Headsets
  - Writing Device
  - Software Solutions
An all-in-one solution that serves as the hub for vital tools and replaces redundant devices
Solution - Blended Learning Classroom Setup

ViewSonic Blended Learning Offers:

- Facilitation of multi-media content to be incorporated into lesson plans
- Easy and convenient setup
- The ability for teachers to record and send lessons to students for asynchronous learning

Additional Options:

- Additional ViewBoards installed on the side walls for group collaboration huddle spaces
- Writing device for students to digitize note-taking efficiently
- Addition of Document Camera to incorporate analog teaching materials to lesson plans
- Addition of WiFi Module on existing ViewBoards when LAN network is absent

Substitution Options:

- Replace ViewBoards with ViewSonic Projectors and ViewBoard Mini

<table>
<thead>
<tr>
<th>Product</th>
<th>Model</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>86&quot; ViewBoard IFP 8650</td>
<td>Place at the front of the classroom to display lesson materials</td>
</tr>
<tr>
<td>2</td>
<td>Slot-In PC (VPC) WC 2527</td>
<td>PC embedded in the ViewBoard for teacher to access class materials and various whiteboarding features</td>
</tr>
<tr>
<td>3</td>
<td>75&quot; ViewBoard IFP 7550</td>
<td>Place on the side walls for group huddles and presentations</td>
</tr>
<tr>
<td>4</td>
<td>myViewBoard Suite</td>
<td>Software with features that offers a wide range of features that allows teachers to customize hybrid lessons seamlessly</td>
</tr>
</tbody>
</table>
Blended Learning Classroom Setup

1. IFP 8650
2. VPC 25/27
3. IFP 7550

Slot-in

IFP 8650

HDMI

IFP 7550
Solution - Basic Hybrid Classroom Setup

**ViewSonic Basic Hybrid Learning Offers:**

- Synchronous learning with live-streaming between in-class and online students
- The ability to record and share lessons to all students for asynchronous learning
- Simple real-time and offline collaboration
- Flexibility for online students with pre-recorded lessons, extra materials, and supplements
- Touch Display monitor with podium can be used as a control center to facilitate lesson flow

**Additional Options:**

- Additional ViewBoards installed on the side walls for group collaboration huddle spaces
- Addition of Document Camera enables teachers to incorporate analog teaching materials to their lesson plans
- Addition of WiFi Module on existing ViewBoards when LAN network is absent

**Substitution Options:**

- Replace ViewBoards with ViewSonic Projectors and ViewBoard Mini

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**Product | Model | Remarks**
---
1. IFP 8650 | ViewBoard | Place at the front of the classroom to display lesson materials
2. VPC 25/27 | VPC 25G7 | PC embedded in the ViewBoard for teacher to access class materials and conduct whiteboarding features
3. Wireless Microphone | | Capture teacher’s voice for online students
4. Webcam | | Record teacher conducting lessons in front of ViewBoard to engage online students
5. Touch Display Monitor | TD2455 | Use as a control center via extended screen of Slot-In PC to manage online students
6. Software Suite | myViewBoard Suite | Software suite with tools that offers a wide range of features that allows teacher to conduct hybrid lessons seamlessly

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Basic Hybrid Classroom Setup
Solution – Advanced Hybrid Classroom Setup

ViewSonic Advanced Hybrid Learning Offers:

- Teachers to see online students via the display located at the back of the room
- Ability to switch back-of-class display to mirror front-of-class ViewBoard for a convenient teaching experience
- Additional capability to use the back-of-class display as an extended screen for teaching materials

Additional Options:

- Additional ViewBoards installed on the side walls for group collaboration, huddle spaces
- Additional microphones and webcams for students to facilitate interactions between in-class and online students
- Inclusion of myViewBoard Direct to allow a second screen (student or teacher) to be displayed on the main ViewBoard screen
- Addition of Document Camera enables teachers to incorporate analog teaching materials in their lesson plans
- Addition of WiFi Module on existing ViewBoards when LAN network is absent

Substitution Options:

- Replace ViewBoards with ViewSonic Projectors and ViewBoard Mini

<table>
<thead>
<tr>
<th>Product</th>
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<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>IFP 8650</td>
<td>IFP 8650</td>
<td>Place at the front of the classroom to display lesson materials</td>
</tr>
<tr>
<td>Slot-In PC (VPC)</td>
<td>VPC 2527</td>
<td>PC embedded in the Viewboard for teacher to access class materials and various whiteboarding features</td>
</tr>
<tr>
<td>Projector</td>
<td>LS605W</td>
<td>Display online students view for teacher to conduct the hybrid class</td>
</tr>
<tr>
<td>Wireless Microphone</td>
<td></td>
<td>Capture teacher’s voice for online students</td>
</tr>
<tr>
<td>Webcam</td>
<td></td>
<td>Record teacher conducting lessons in front of Viewboard to engage online students</td>
</tr>
<tr>
<td>Touch Display Monitor</td>
<td>TD2455</td>
<td>Use as a control center via extended screen of Slot-In PC to manage online students</td>
</tr>
<tr>
<td>Software</td>
<td>myViewboard Suite</td>
<td>Software suite with tools that offers a wide range of features that allows teacher to conduct hybrid lessons seamlessly</td>
</tr>
</tbody>
</table>
Advanced Hybrid Classroom Setup

How To Set Up Extended Screen

Display
Rearrange your displays
Select a display below to change its settings. Press and hold to switch a display. Then drag to rearrange it.

1 IFP 8650
2 VPC 25/27
3 Projector
4 Wireless Microphone
5 Webcam
6 TD2455

Display
Windows HD Color
Get a brighter and more vibrant picture for videos, games and apps that support HDR.

Scale and layout
Change the size of text, apps and other items. 

- 100% (Recommended)
- 150% (Recommended)
- Advanced scaling settings

Multiple displays
Extend these displays

- Make this my main display
- Connect to a wireless display
### Solution – Professional Hybrid Classroom Setup

**ViewSonic Professional Hybrid Learning Offers:**

- An effective way to simulate in-class learning experience for online students
- Enablement of collaborations and interactions between online and in-class students via ViewBoards on the side walls
- Multiple projectors at the back of the room for teachers to see online students and display teaching materials or online-teaching view

### Additional Options:

- Addition of LED Display Wall at the front of the class elevates the hybrid learning experience for both in-class and online students
- Inclusion of myViewBoard Direct allows a second screen (student or teacher) to be displayed on the main ViewBoard screen
- Addition of document camera enables teachers to incorporate analog teaching materials into their lesson plans
- Addition of WiFi Module on existing ViewBoards when LAN network is absent

### Replacement Options:

- Replace back-of-class Viewsonic Projectors with ViewBoards or ViewSonic Wireless Presentation Display

### Solution - Professional Hybrid Classroom Setup

<table>
<thead>
<tr>
<th>Product</th>
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</thead>
<tbody>
<tr>
<td>IFP 86501 86” ViewBoard</td>
<td>IFP 8650</td>
<td>Place at the front of the classroom to display lesson materials</td>
</tr>
<tr>
<td>VPC 2512 PC Embedded (VPC)</td>
<td>VPC 2512</td>
<td>PC embedded in the Viewboard for teacher to access class materials and various whiteboarding features</td>
</tr>
<tr>
<td>IFP 75503 75” ViewBoard</td>
<td>IFP 7550</td>
<td>Place on the side walls for group huddles and presentations</td>
</tr>
<tr>
<td>Projector LS600W</td>
<td>LS600W</td>
<td>Display online students view for teacher to conduct the hybrid class</td>
</tr>
<tr>
<td>Projector LS600W</td>
<td>LS600W</td>
<td>Display teaching materials for teacher to view as lesson prompts so teacher can be looking directly at the camera</td>
</tr>
<tr>
<td>Wireless Microphone</td>
<td></td>
<td>Capture teacher’s voice for online students</td>
</tr>
<tr>
<td>Webcam</td>
<td></td>
<td>Record in-class situations to engage online students</td>
</tr>
<tr>
<td>Webcam</td>
<td></td>
<td>Record teacher conducting lessons in front of Viewboard to engage online students</td>
</tr>
<tr>
<td>Touch Display Monitor</td>
<td>TD2455</td>
<td>Use as a control center via extended screen of Slot-In PC to manage online students</td>
</tr>
<tr>
<td>Software myViewBoard Suite</td>
<td></td>
<td>Software suite with tools that offers a wide range of features that allows teacher to conduct hybrid lessons seamlessly</td>
</tr>
<tr>
<td>ViewDirector</td>
<td></td>
<td>A software that acts like a media station in the classroom where the teacher can manage multiple screens and devices simultaneously controlling the broadcasted screen</td>
</tr>
</tbody>
</table>
Professional Hybrid Classroom Setup
Solution – Teacher Setup For Distance Learning

ViewSonic Distance Learning Offers:
• The options of video conferencing or live streaming lessons
• Real-time student interactions and feedback
• Touch interactions for teachers to mimic traditional whiteboarding
• Dual monitors for teachers to separate video feed view from whiteboarding view

Additional Options:
• Addition of document camera enables teachers to incorporate analog teaching materials in their lesson plans

Substitution Options:
• Replacement of Touch Display with Notas for teachers with extensive writing requirements
• Replacement of Touch Display with ViewSonic Non-touch Monitors and writing device

<table>
<thead>
<tr>
<th>Product</th>
<th>Model</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch Display</td>
<td>TD24551</td>
<td>Use as a virtual whiteboard platform for teachers to facilitate lessons</td>
</tr>
<tr>
<td>Monitor</td>
<td>VG series</td>
<td>Display online students view for teacher</td>
</tr>
<tr>
<td>Headset</td>
<td></td>
<td>Capture teacher’s voice for online students</td>
</tr>
<tr>
<td>Webcam</td>
<td></td>
<td>Record teacher conducting lessons to engage online students</td>
</tr>
<tr>
<td>Software Suite</td>
<td>myViewBoard</td>
<td>Software suite with tools that offer a wide range of features that assist teachers to conduct hybrid lessons seamlessly</td>
</tr>
</tbody>
</table>
Distance Learning Teacher Setup

1. TD 2455
2. VG Series Monitor
3. Headset
4. Webcam
**ViewSonic Blended Learning Offers:**

- Real-time in-class/online student collaboration
- Synchronous learning between in-class and online students
- Asynchronous learning for students who cannot make it to every class

**Additional Options:**

- Extra monitor additional to the Laptop for note taking and class participation
Solution – Online Student Setup

1. ViewSonic Monitor
2. Writing Device
3. Headset
4. Webcam

Solution – In-class Student Setup

1. ViewSonic Monitor
2. Writing Device

ViewBoard Pen Display
VA Series Monitor
Laptop
USB
HDMI
Headset
USB
Webcam
Hybrid Learning
Unlimited Possibilities for Learning Spaces