



Seven Models of Blended learning

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And Second Affiliation of VUMS

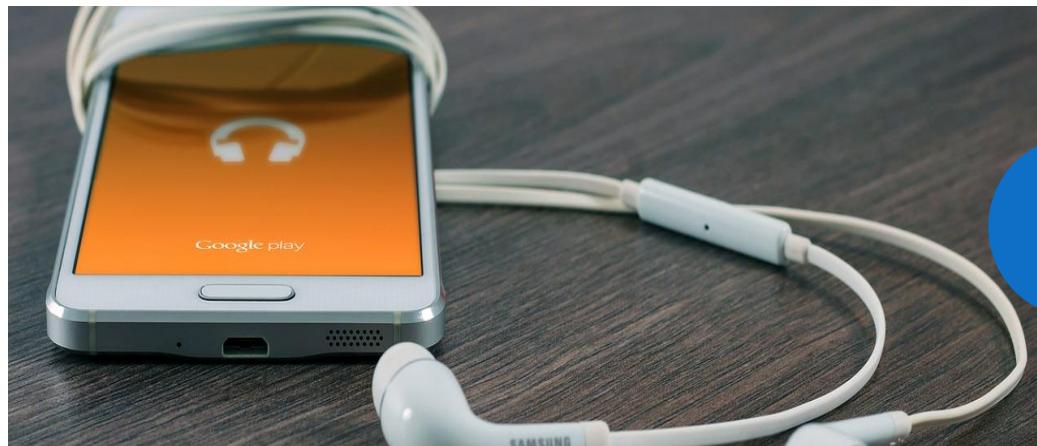


Seven Models of Blended learning

Zahra Karimian, PhD In Higher education Administration

Associate Professor, Department of e-Learning in Medical Sciences

Shiraz University of Medical Sciences



Virtual School and Center of Excellence in Electronic Learning

Learning Objectives

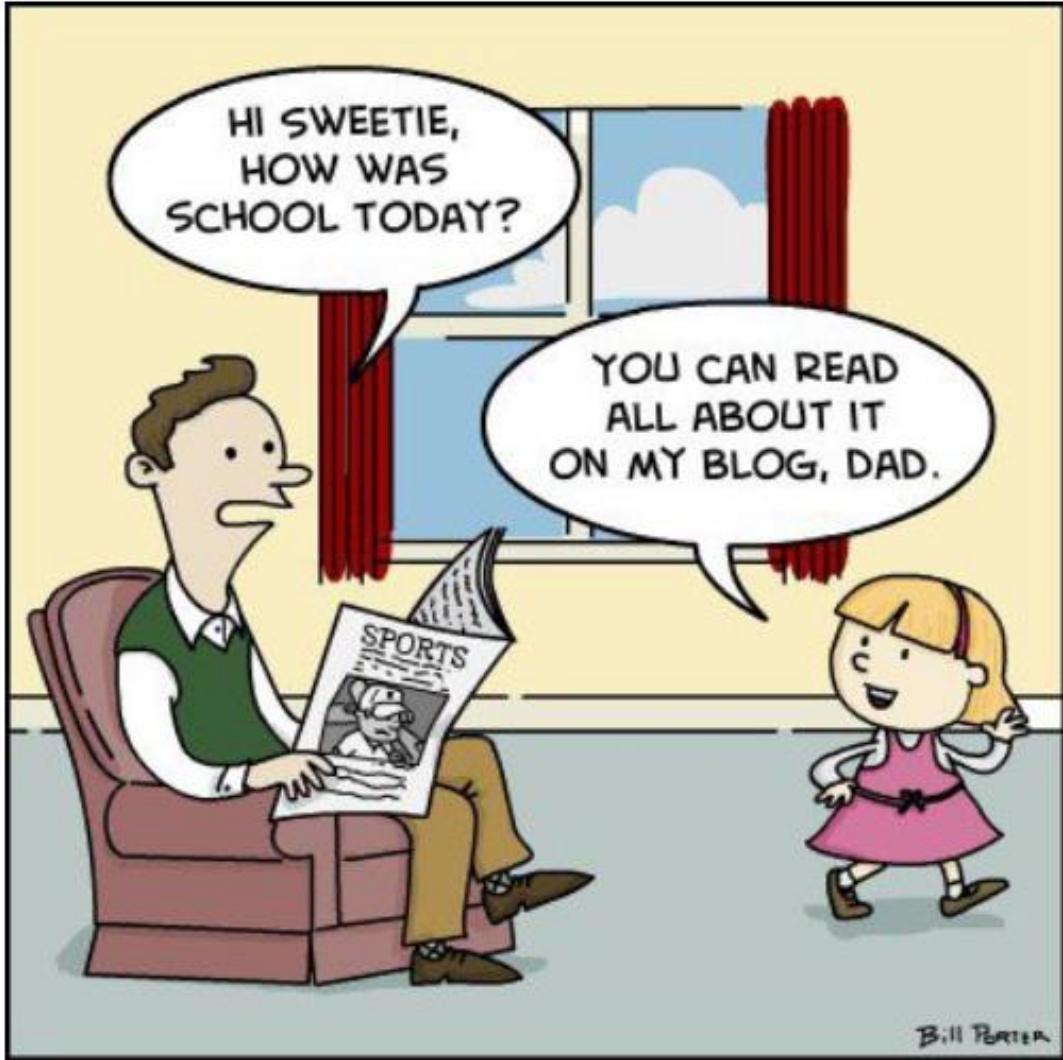
Outlines:

- Definition of Blended Learning
- Models of Blended Learning
 - Rotation Models
 - Flex Model
 - Self Blended Model
 - Enriched Model
- Online and Offline Components
- E-Tools

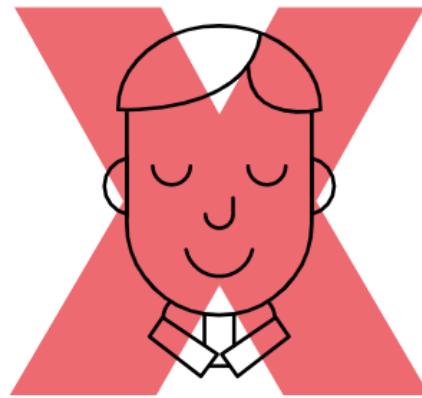


Why Blended Learning?

Generation Change



Generation of X, Y, Z in Universities



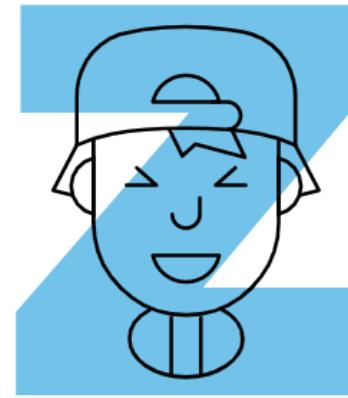
Baby Bust

1960-1980



Millennials

1980-2000

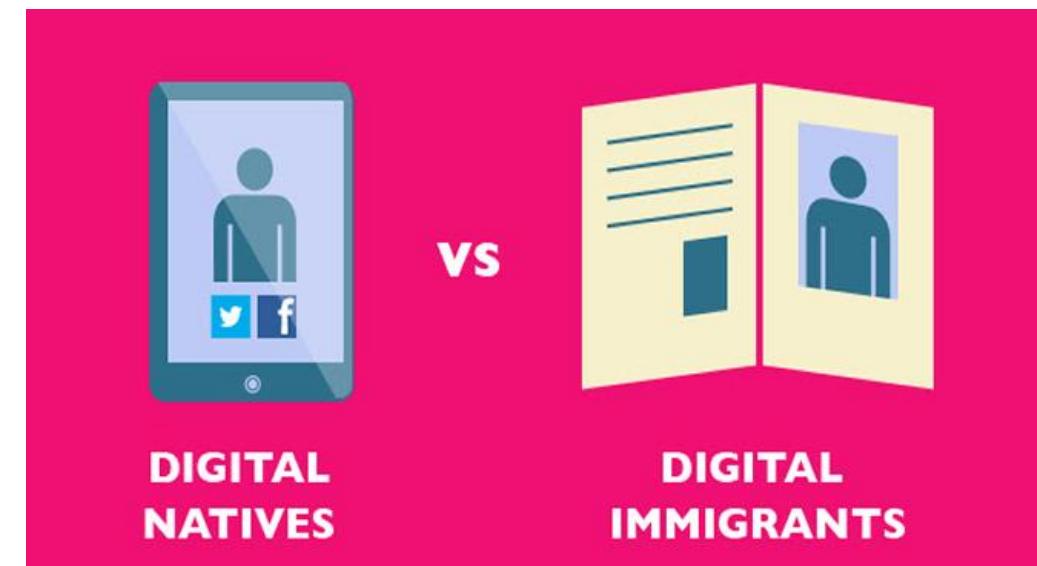


Digital Natives

> 2000

Different generations live together in universities and need
new technologies to communicate with each other
And after that our students will often be from generation Z

Natives and Immigrants





Traditional Learning Theories



Behaviorism

Understand Remember

Constructionism

Create Evaluate

Cognitivism

Analyse Apply

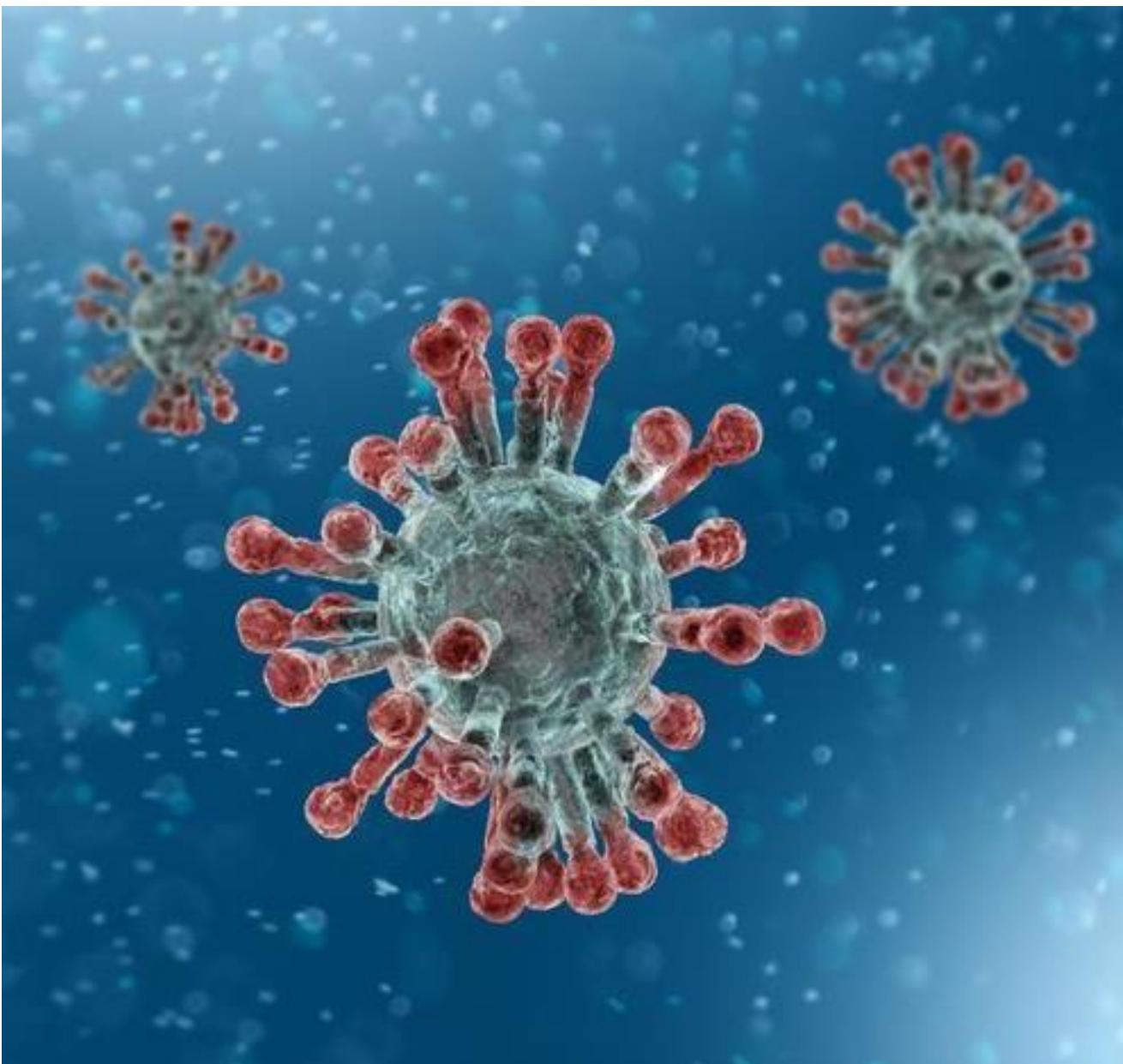
Digital Age



Connectivism

Recognize Connect

After Covid-19 Corona Viruses !





کدام بخش از درس را به صورت آنلاین
غیرهمزمان ارائه می دهید؟



کدام بخش از درس را به صورت
محتوای پیش ساخته ارائه می دهید؟



کدام بخش از درس را به صورت
آنلاین همزمان ارائه می دهید

شیوه های برخط (آنلاین) همزمان



Attention!



Blended Learning Does not Replace the Teacher !



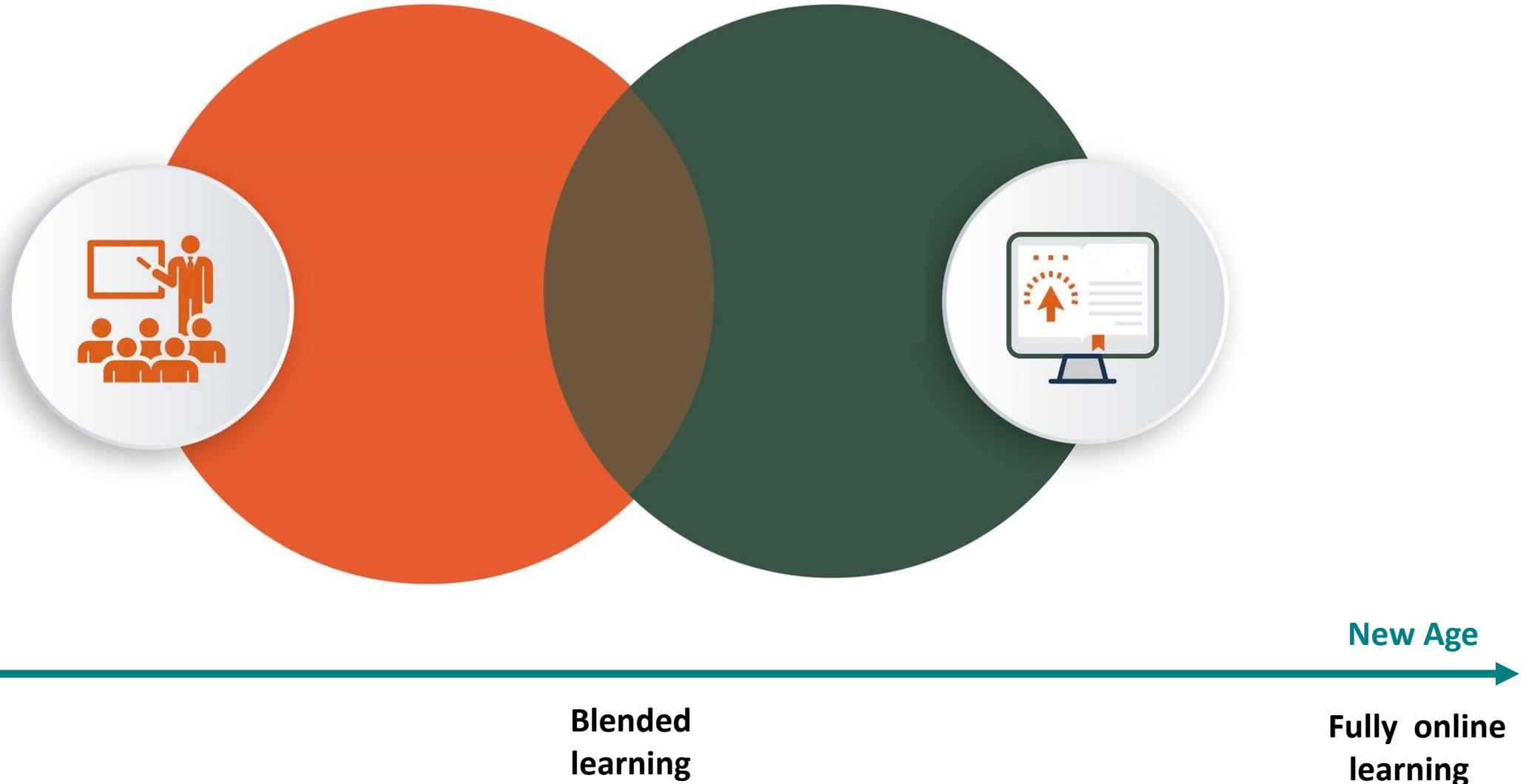
What is Bended Learning?



Blended learning, with its mix of technology and traditional face to face instruction, is a great approach that combines classroom learning with online learning, in which students can, in part, control the time, pace, and place of their learning.



Learning Spectrum



What factors influence the choice of Blended Learning model?



Models vary in the way:

- ○ the **teacher** plays a role,
- ○ the physical **environment** in which the learning is taking place,
- ○ how **instruction and learning** is being delivered, and
- ○ the **flexibility of Time, Pace, and Place** of learning.



Seven Models of Blended Learning?



Blended Learning Models

Rotation Model

Flex Model

Self Blend Model

Enriched Virtual Model

Station Rotation Model

Lab Rotation Model

Individual Rotation Model

Flipped Classroom Model

Seven Models of Blended Learning?



Blended Learning Models

Rotation Model

Flex Model

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Flipped Classroom Model

تنوع و تراکم در ماهیت یک درس

In this model, teachers have set-up stations in which **students rotate through at fixed times**. Teachers may also refer to this model as Centers.

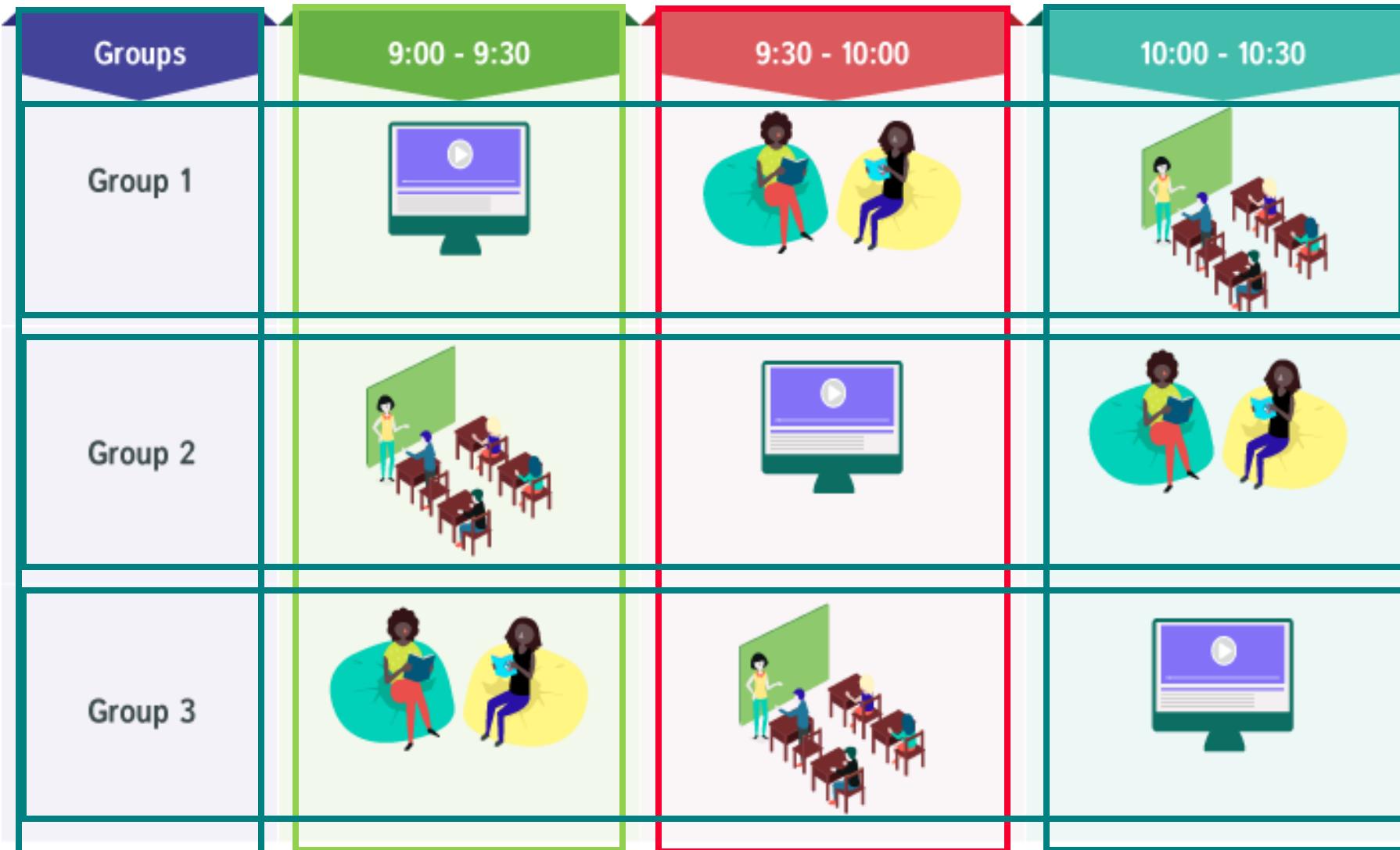
For example, the teacher had three, thirty-minute rotations set-up during his 90-minute math block. Students rotated through the different activities

including one with him that was teacher-led instruction and one of which was a form of online learning instruction.

Seven Models of Blended Learning?



Station Rotation

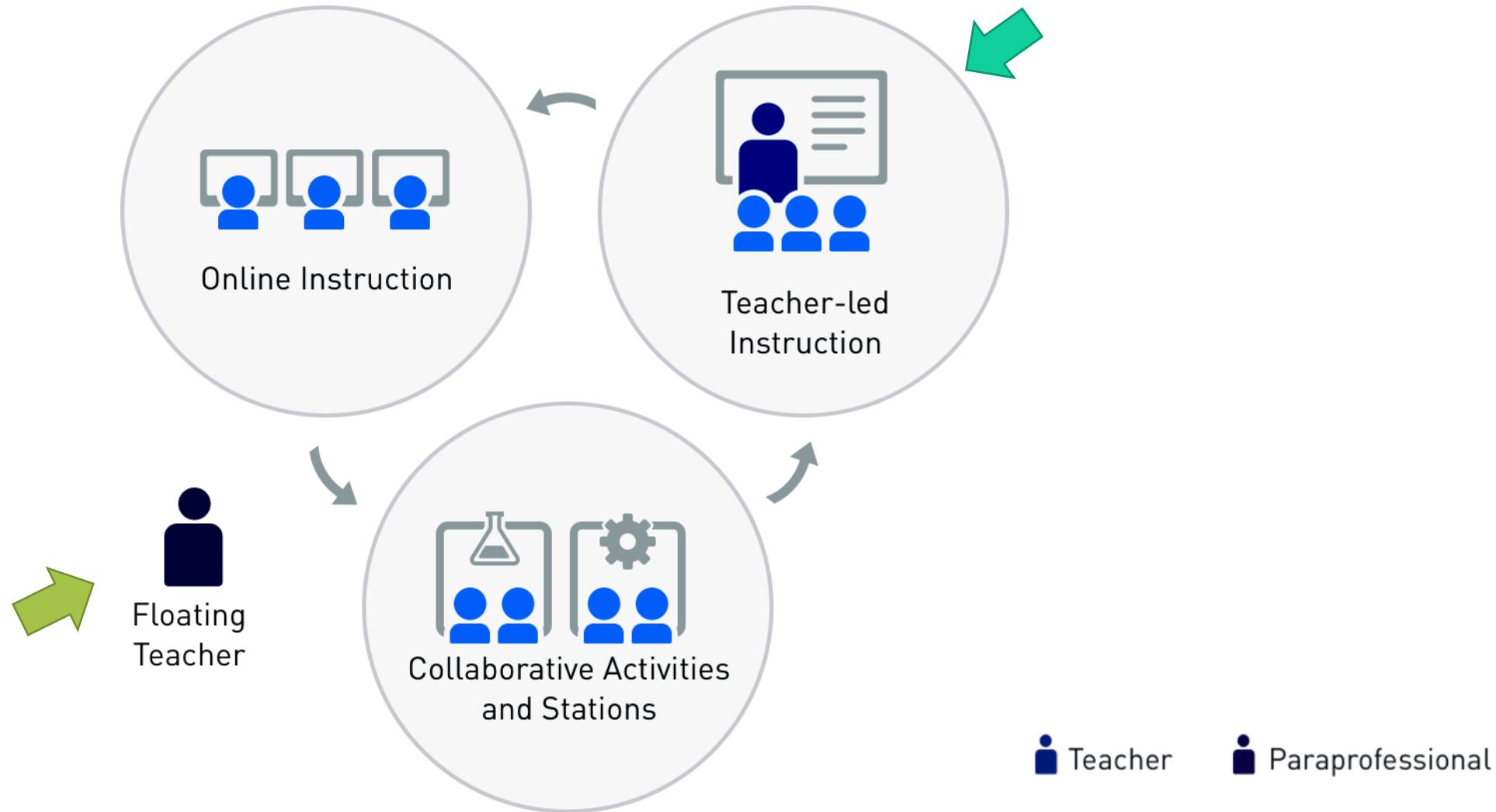


Teachers have set-up stations in which students rotate through at fixed times

Seven Models of Blended Learning?



Station Rotation



Teachers have set-up stations in which students rotate through at fixed times

Seven Models of Blended Learning?



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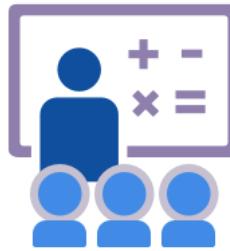
همزمانی و محدودیت در فضا
(کاراموزی ها)

A Lab Rotation Model would be similar to how our **students rotate** through **different subject area classes** already. However, in this model students would have a **lab time** built into their schedule in which they would go to the computer lab where online learning occurs. Lab time is built into the student's schedule.

Seven Models of Blended Learning?



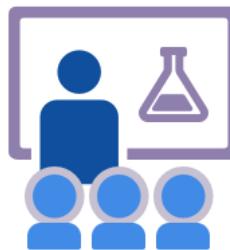
Lab Rotation



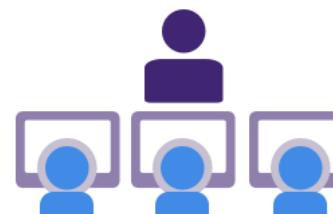
Direct Instruction:
Math & Science



Direct Instruction:
Literacy & Social Studies



Direct Instruction:
Math & Science



Learning Lab:
Reading &
Math

Teacher

Paraprofessional



Seven Models of Blended Learning?



Blended Learning Models

Rotation Model

Station Rotation Model

Lab Rotation Model

Individual Rotation Model

Flipped Classroom Model

Flex Model

Self Blend Model

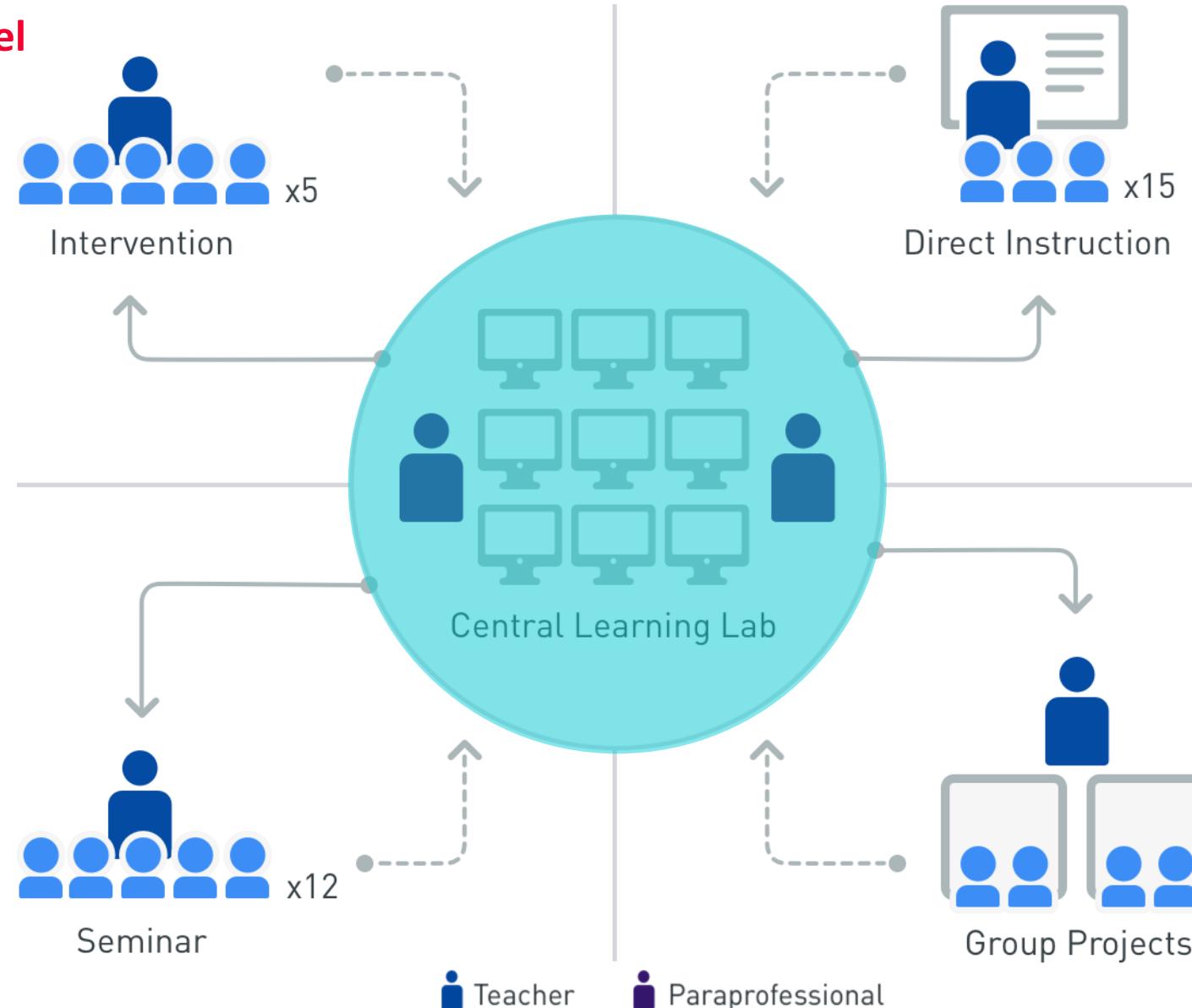
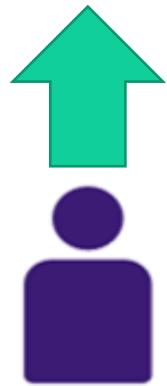
Enriched Virtual Model

This model is similar to the Station Rotation, but instead of small groups of students moving to stations at fixed times, **individual students move through stations on their own individual schedules.** This model is much more personalized to the individual student because they may not be rotating to every station. They are working on their own **playlist** that is uniquely theirs.

Seven Models of Blended Learning?



Individual Rotation Model



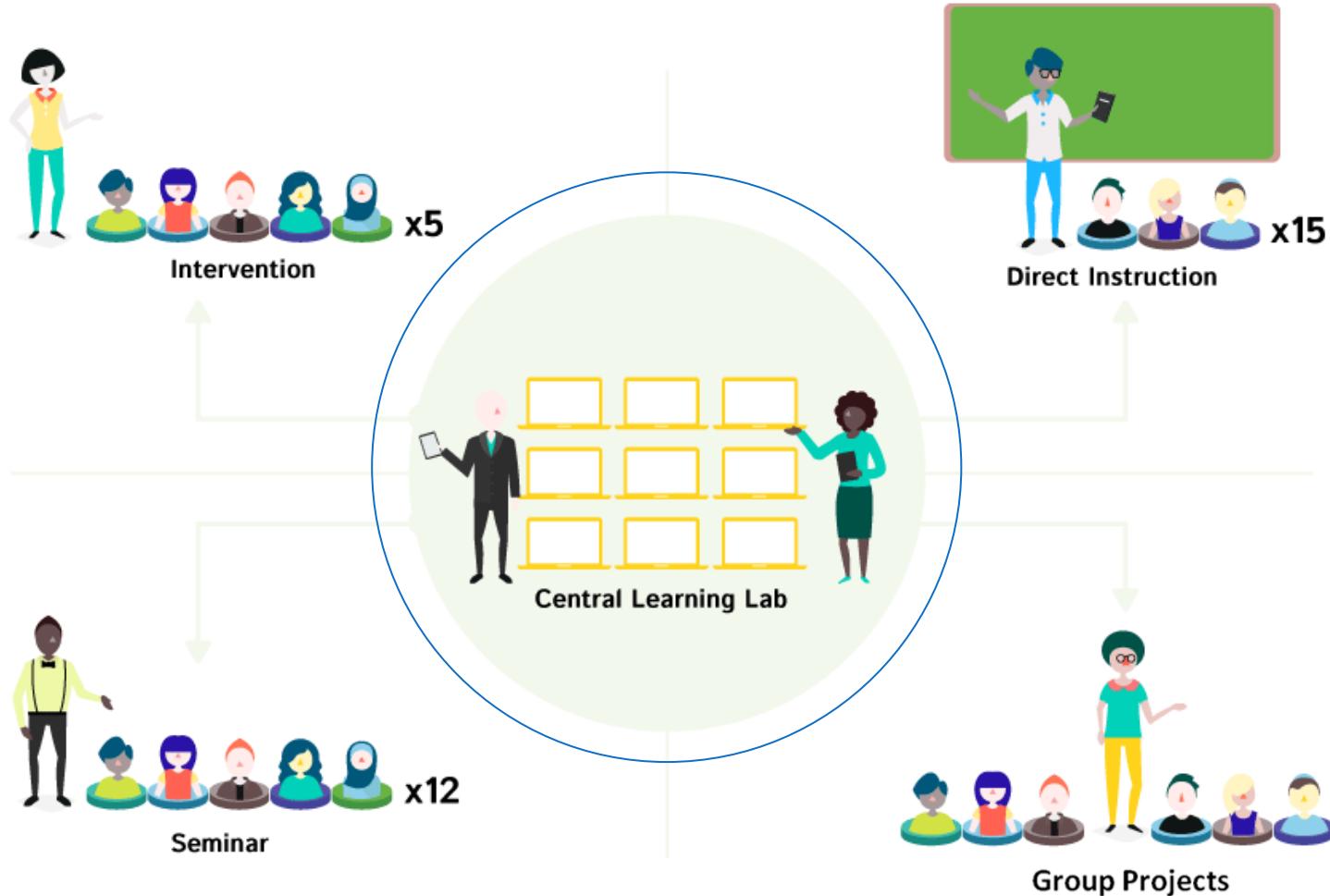
تنوع افراد، تنوع نیازها،
محدودیت زمان و مکان

دروس فردی با استاد
دروس جامانده

Seven Models of Blended Learning?



Individual Rotation Model



Seven Models of Blended Learning?



Blended Learning Models

Rotation Model

Station Rotation Model

Lab Rotation Model

Individual Rotation Model

Flipped Classroom Model

تراكم محتوا / تقابل سرعت و دقت

Flex Model

Self Blend Model

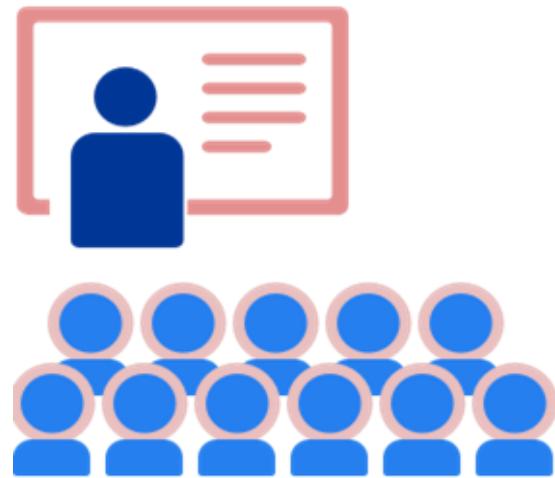
Enriched Virtual Model

A flipped classroom is an instructional strategy and a type of blended learning that **reverses** the traditional learning environment by delivering instructional content, often online, outside of the classroom. It moves activities, including those that may have traditionally been considered homework, into the classroom. What would then be considered **typical homework** would be completed in class, allowing for learning through activity and teacher **scaffolded** support.

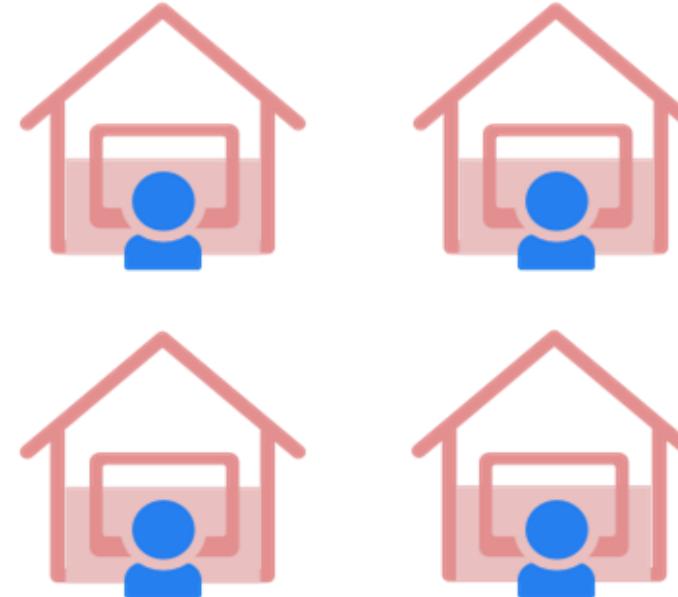
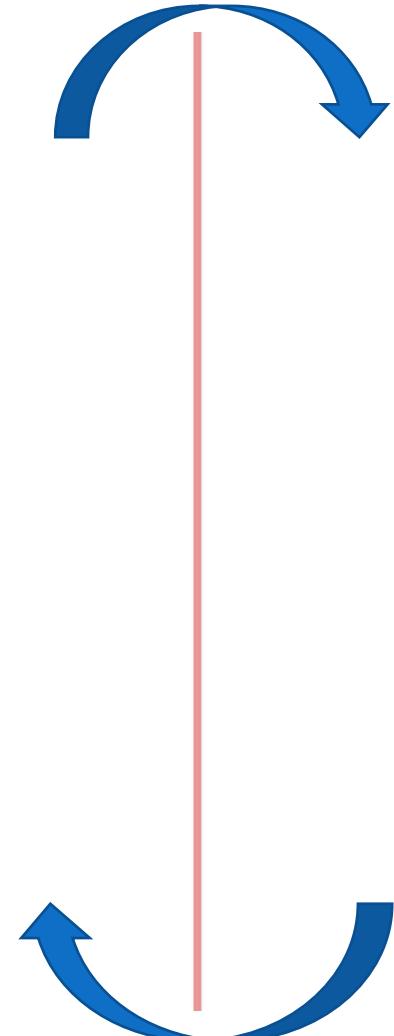
Seven Models of Blended Learning?



Flipped Classroom



School: Practice
and Projects



Home: Online
Instruction and
Content

Seven Models of Blended Learning?



Flipped Classroom



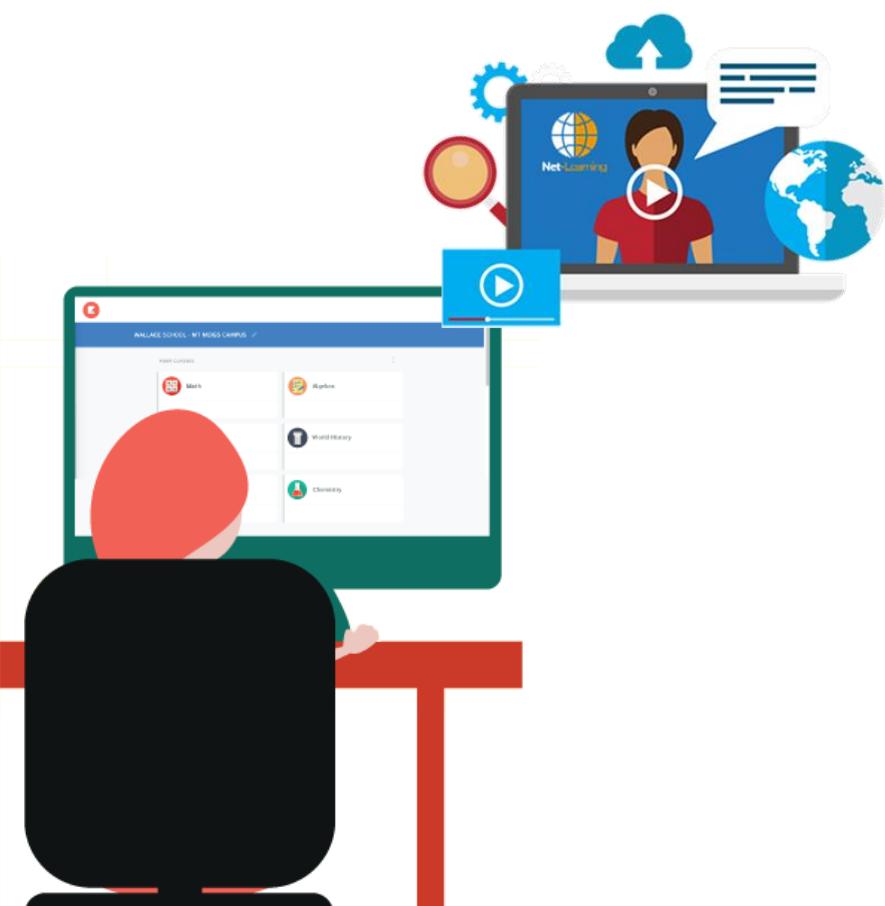
the Typical **homework** would be completed in class,
allowing for learning through activity and teacher scaffolded support.

Seven Models of Blended Learning?



Flipped Classroom

Home



Classroom, Platform



Seven Models of Blended Learning?



Blended Learning Models

Rotation Model

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Enriched Virtual Model

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Station Rotation Model

Individual Rotation Model

Flipped Classroom Model

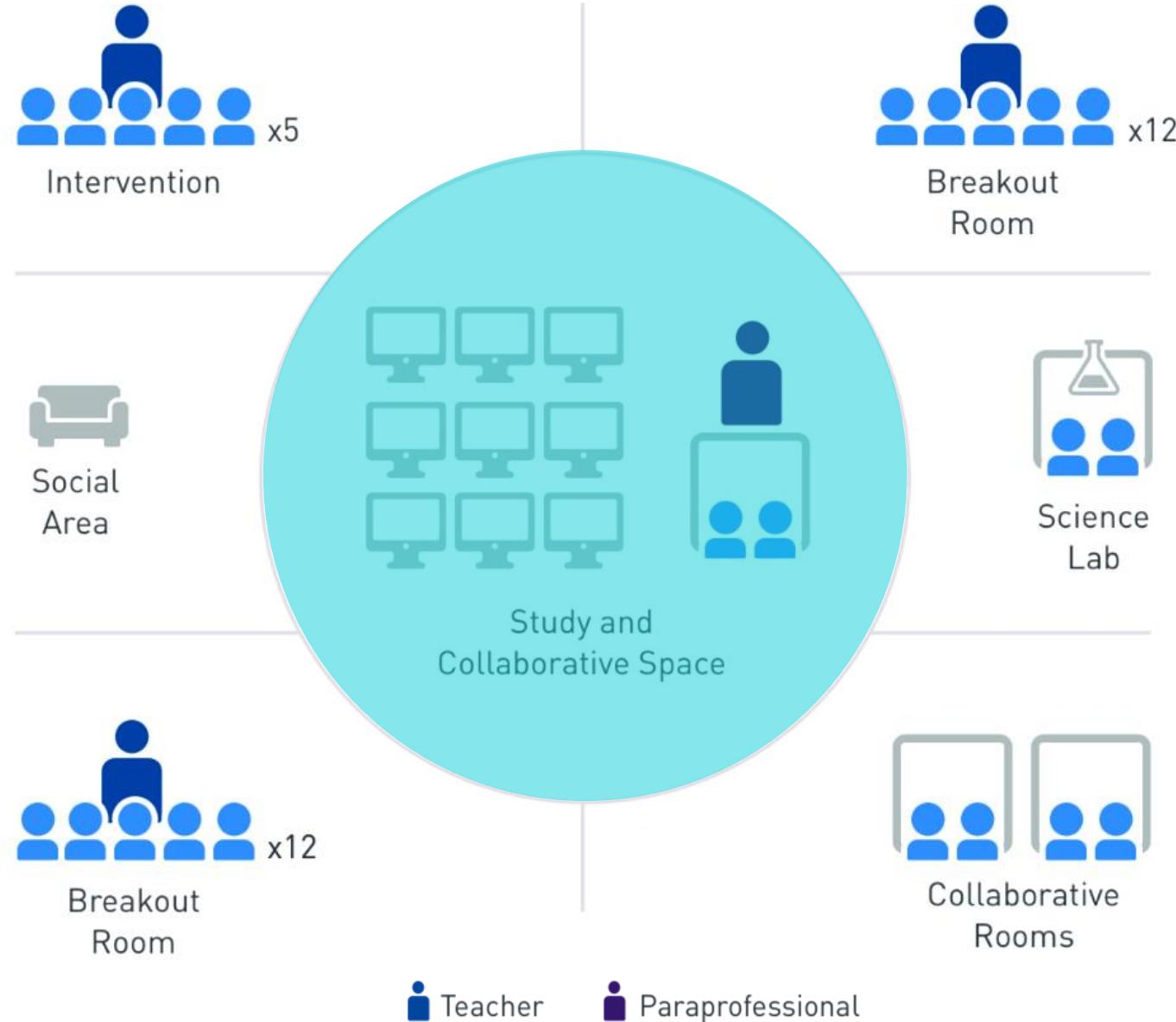
محدودیت / شرایط نامطلوب

Online Learning is an essential component of this Model. Students work through online courses while in a classroom with a teacher. The teacher is available for instruction and support, including **one-on-one support** as needed, giving students highly **flexible control** over their learning.

Seven Models of Blended Learning?



Flex Model



Seven Models of Blended Learning?



Flex Model



Seven Models of Blended Learning?



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Individual Rotation Model

Flipped Classroom Model

دوره های پودمانی مثل همین دوره

Self Blend Model or **A la carte model**, or as the name implies, is a class that a student can choose to take entirely online to accompany other experiences they have at a traditional school or learning center. The teacher of record for the a la carte course is primarily an online teacher. Students may complete the learning activities either at school or at home. This differs from full-time online learning because it is not the only learning experience a student will have as they are still enrolled in traditional teacher-led classes as well.

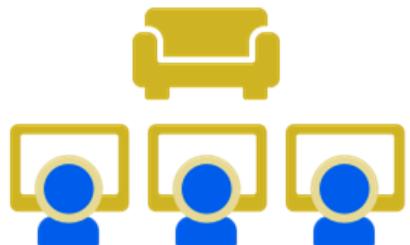
Seven Models of Blended Learning?



Self Blend Model
A La Carte Model



School



Learning Lab



Online Teacher



Home

Seven Models of Blended Learning?



Blended Learning Models

Rotation Model

Flex Model

Self Blend Mode

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Individual Rotation Model

Flipped Classroom Model

رشته های مجازی / دانشجویان مجازی

Enriched Virtual Model is a course or subject in which students have required face-to-face learning sessions with a teacher and then are free to complete their remaining work remotely. Online learning is the backbone of student learning when the students are not in school. The same person generally serves as both the online and face-to-face teacher and students seldom meet face-to-face with their teachers every weekday.

Seven Models of Blended Learning?



Enriched Virtual Model



School: Face-to-face
Supplementation

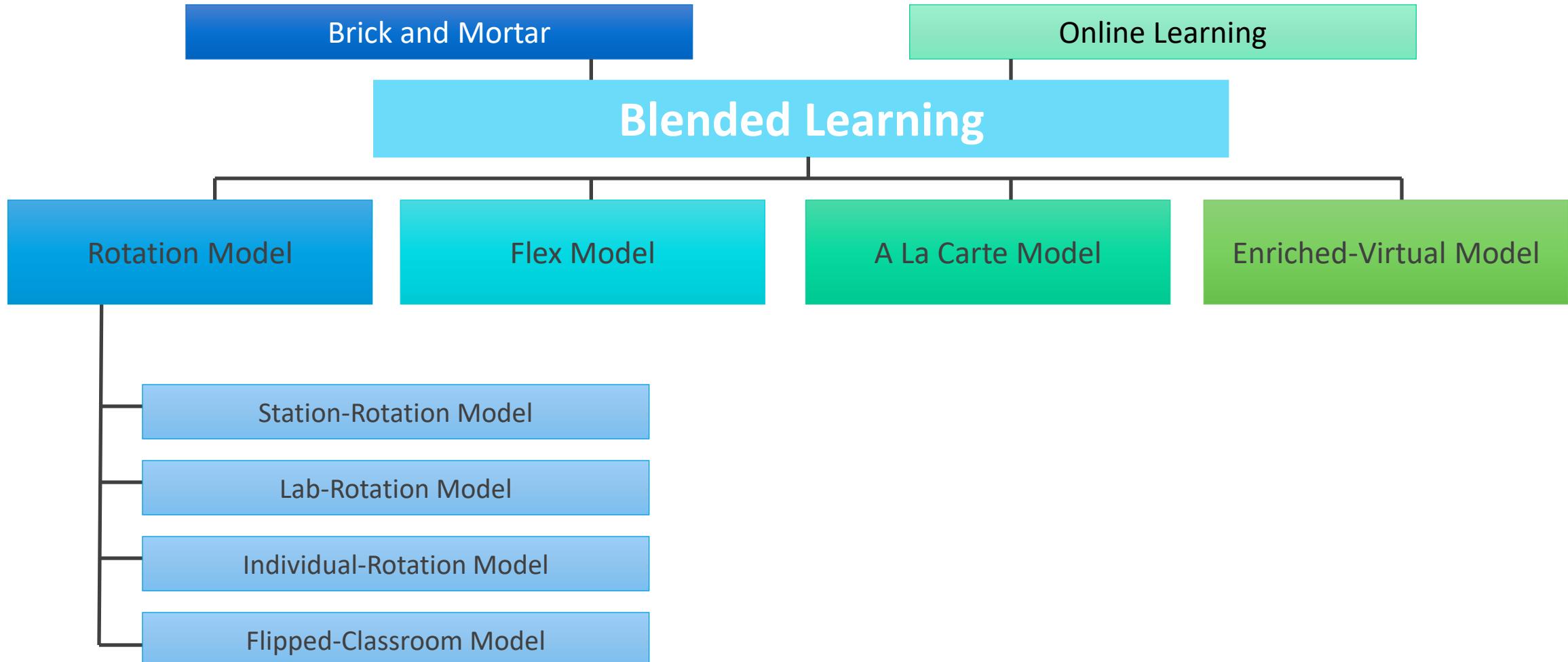


Home: Online
Instruction and
Content

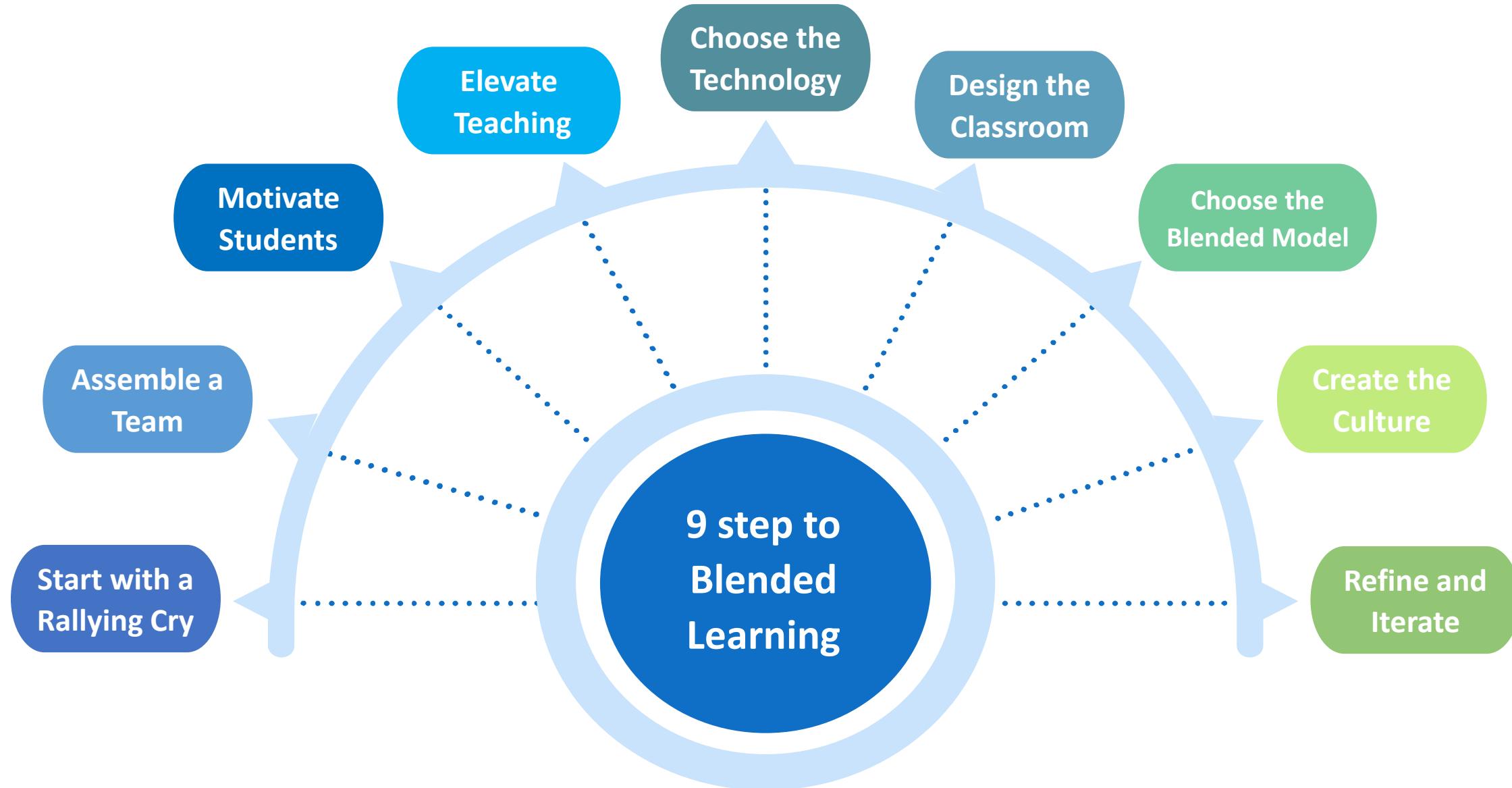
Massive Open Online Courses



Seven Models of Blended Learning?



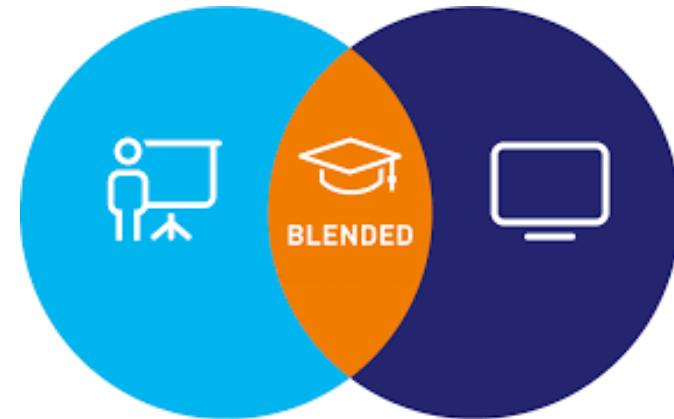
Blended design steps





Six Offline & Online Tools

Offline



Online

- 01 On the Job Training
- 02 Classroom Training
- 03 Face to Face Interaction
- 04 Text/Printed Material
- 05 Electronic Media
- 06 Broadcast Media

Learning Management System

Online Teaching/Training

Online Student Interaction

Online Management of Information

Mobile Learning

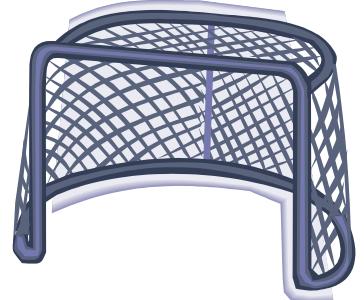
The Internet/ The www

- 01
- 02
- 03
- 04
- 05
- 06



01:00

خودآزمایی



۱. آقای دکتر جمشیدی از دانشجویان دکتری ایمونولوژی جهت گذراندن دوره ای در دانشگاه علوم پزشکی تهران مهمان شده اند. با توجه به تفاوت دروس ارائه شده در ترم های تحصیلی دو دانشگاه برخی دروس با همدوره های او یکسان نیست چه پیشنهادی دارید؟

الف) Self Blend



ب) Enriched Virtual Model



ج) Flex Model



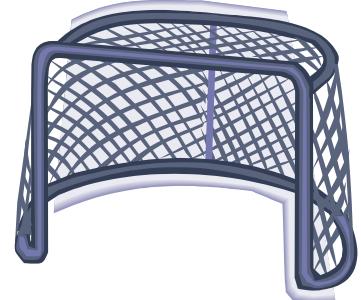
د) Individual Rotation Model





01:00

خود آزمایی



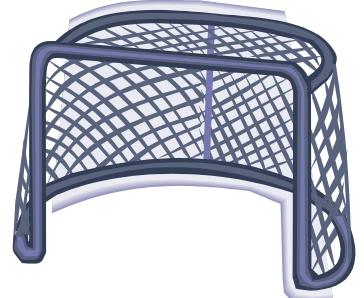
۲. معاونت آموزشی دانشگاه در نظر دارد برای تقویت مهارتهای استدلال و تفکر انتقادی و مهارتهای اجتماعی دانشجویان مجموعه ای از بسته های میکرولرنینگ آموزشی را تدوین نماید و در قالب دروس اختیاری ارائه دهد. چه رویکردی را مناسب می دانید؟

- الف) Individual Rotation Model
- ب) Enriched Virtual Model
- ج) Flex Model
- د) Self Blend



01:00

خودآزمایی



۴. در طراحی ترکیبی رشته مجازی مدیریت خدمات بهداشتی درمانی کدام را مناسب تر می دانید؟

الف) Self Blend



ب) Enriched Virtual Model



ج) Flex Model



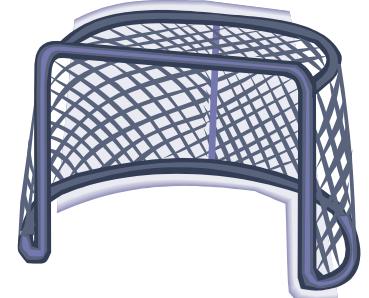
د) Individual Rotation Model





01:00

خودآزمایی



۶. در راستای سیاست حمایت از توسعه جمیعت و تسهیل آموزش برای دانشجویان مادر و باردار کدام رویکرد را مناسب می دانید؟

الف) Self Blend



ب) Individual Rotation Model



ج) Flex Model

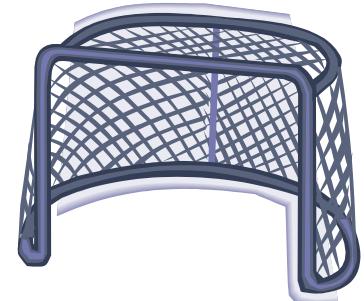


د) Enriched Virtual Model





خودآزمایی



معادل کدام روش یادگیری ترکیبی است؟ The A La Carte model .۷

الف) Self Blend



ب) Enriched Virtual Model



ج) Flex Model



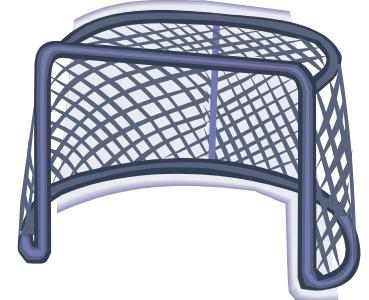
د) Individual Rotation Model





01:00

خودآزمایی



۳. برای دانشجویان ترم تابستانی که از برخی دروس جا مانده اند چه روشی را پیشنهاد می کنید؟

الف) Self Blend



ب) Individual Rotation Model



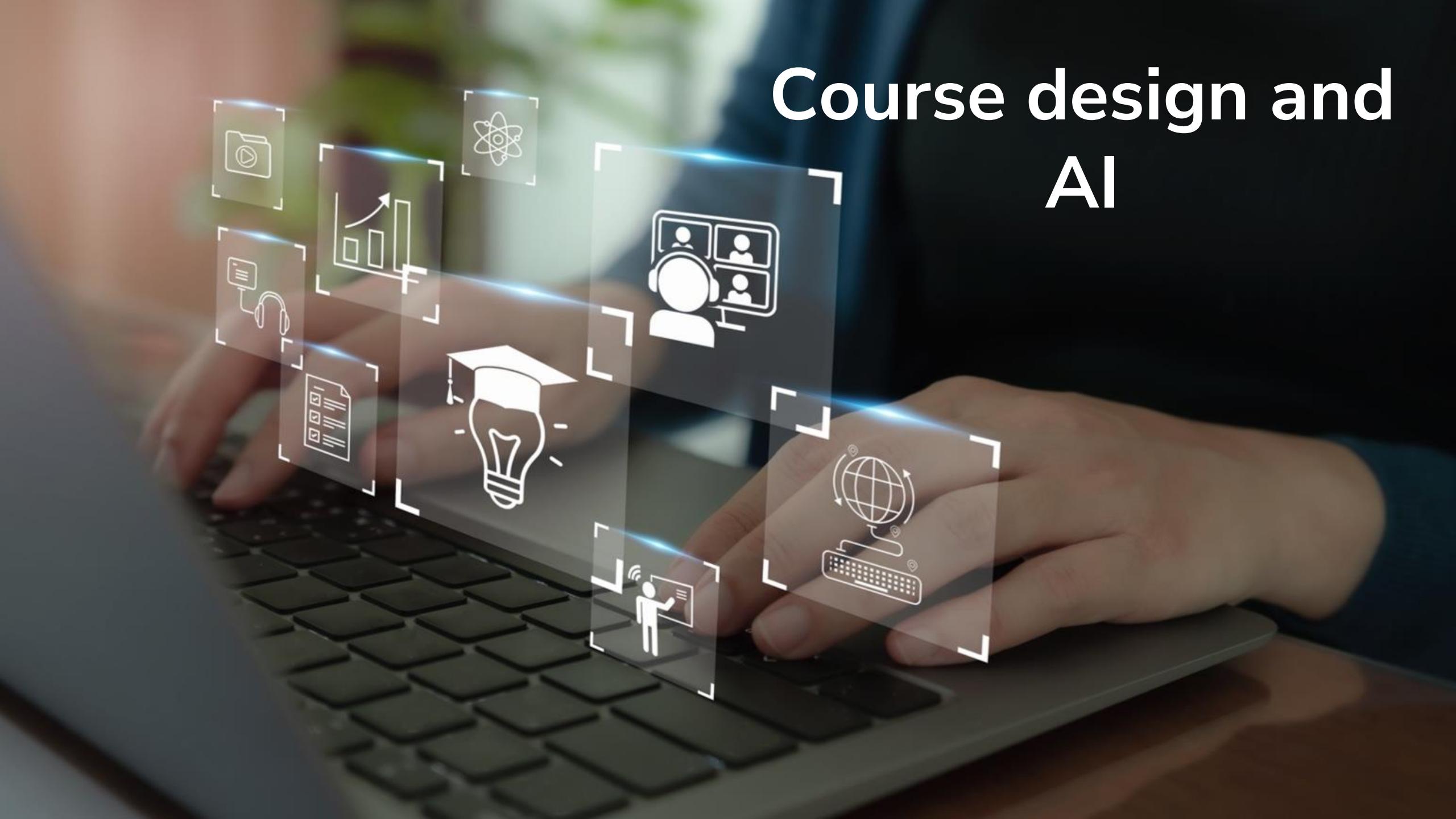
ج) Flex Model



د) Enriched Virtual Model



Course design and AI

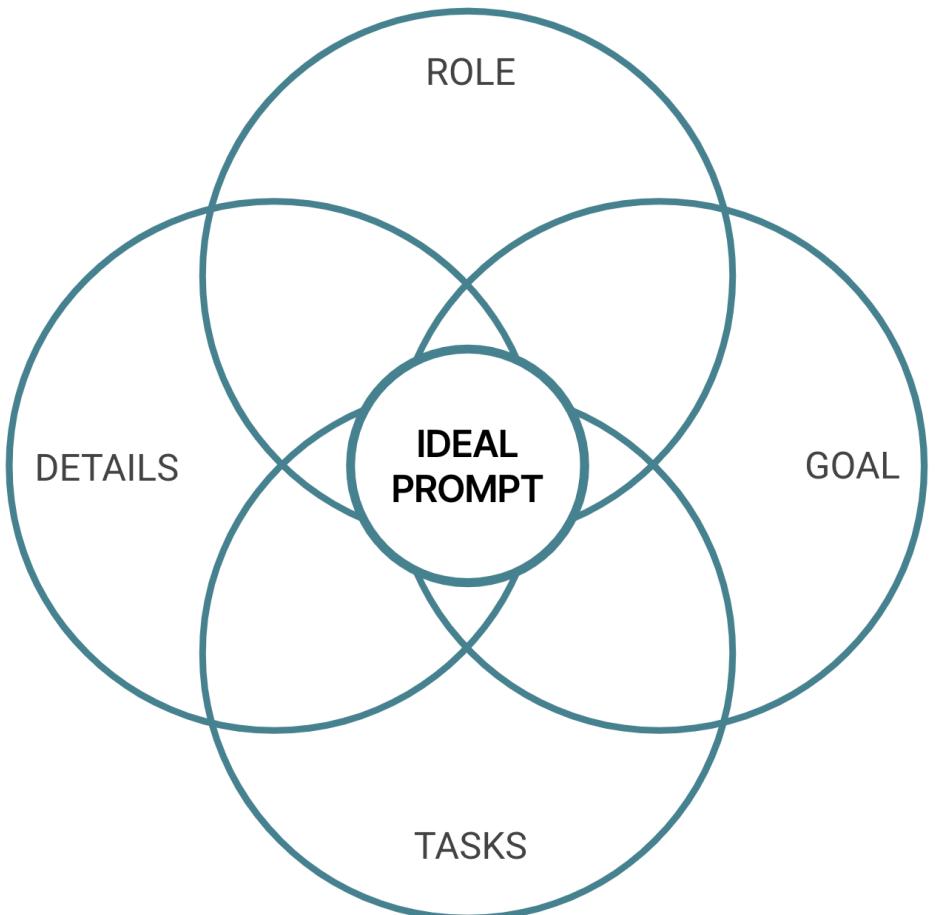




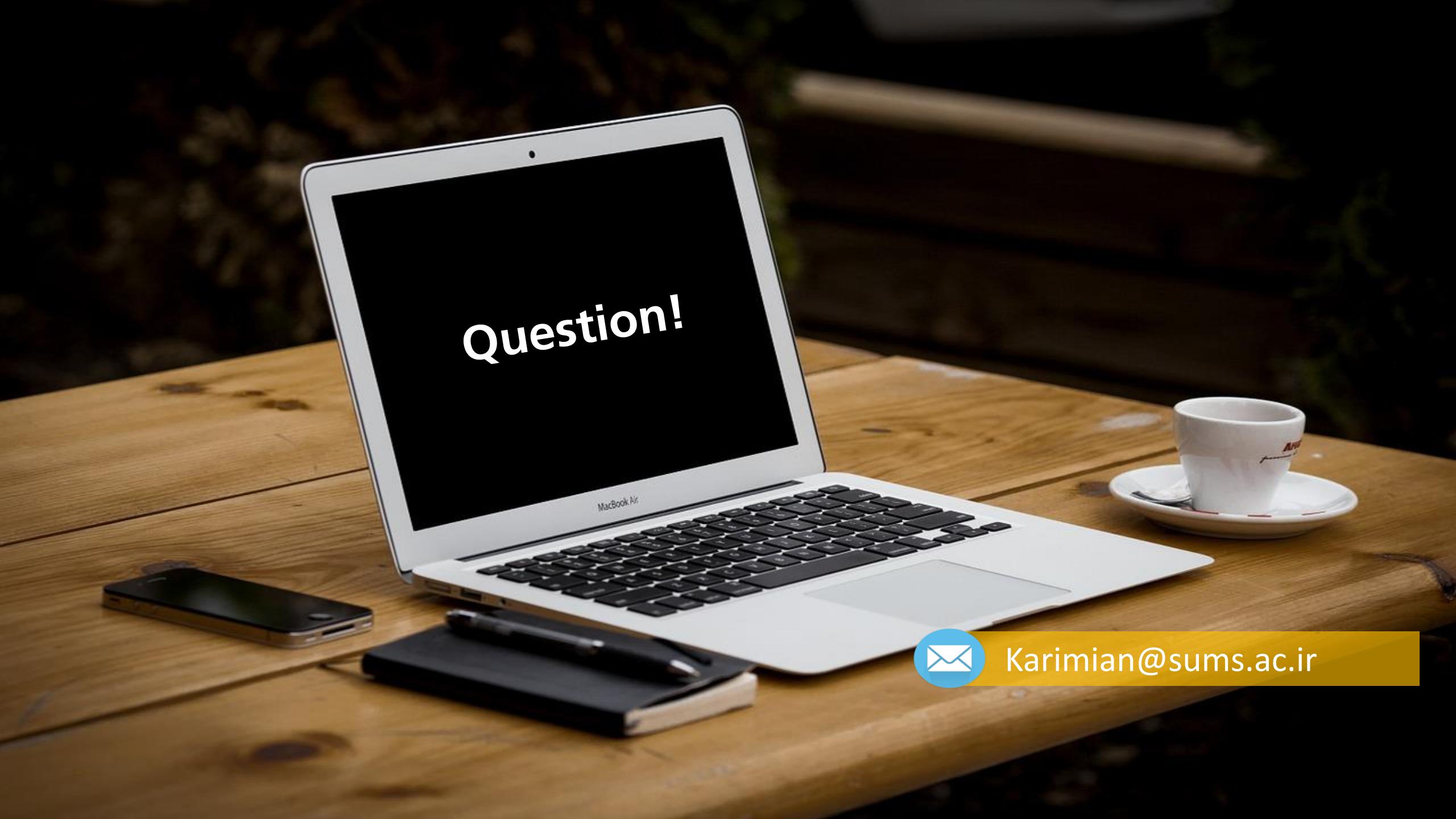
1. Assign Role
2. Styling Output
3. Be Specific
4. Add Conditions
5. Provide Data



Create effective prompts



- من استاد درس هوشبری هستم و برای دانشجویان هوشبری تدریس می کنم
- شما یک مشاور برنامه ریزی درسی هستید
- می خواهم از شما برای طراحی یک دوره به صورت ترکیبی (الکترونیکی و حضوری) کمک بگیرم
- در ترکیبی کردن درس از ابزارهایی مثل LMS، کلاس آنلاین، کلاس حضوری، ویدئوی آموزشی، شبیه سازی با مولاز و شبیه سازی الکترونیکی، وبلاگ و شبکه اجتماعی استفاده کن
- عنوان درس من مدیریت راه هوایی در هوشبری است
- این درس ۱ واحد نظری و ۱ واحد عملی است
- لطفا در قالب ۱۰ جلسه این درس را طراحی کن
- عناوین هر جلسه را برای من بنویس
- اهداف شناختی، مهارتی و نگرشی را برایم بنویس
- در انتهای هر جلسه ۳ سوال طراحی کن و سوالات خلاقانه باشند
- خروجی را در یک جدول بکش در ستون اول عنوان جلسات را بنویس و در ستون های بعدی روش تدریس و روش ارزشیابی را بنویس.



Question!



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