



Seven Models of Blended learning

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Seven Models of Blended learning

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Virtual School and Center of Excellence in Electronic Learning

Learning Objectives

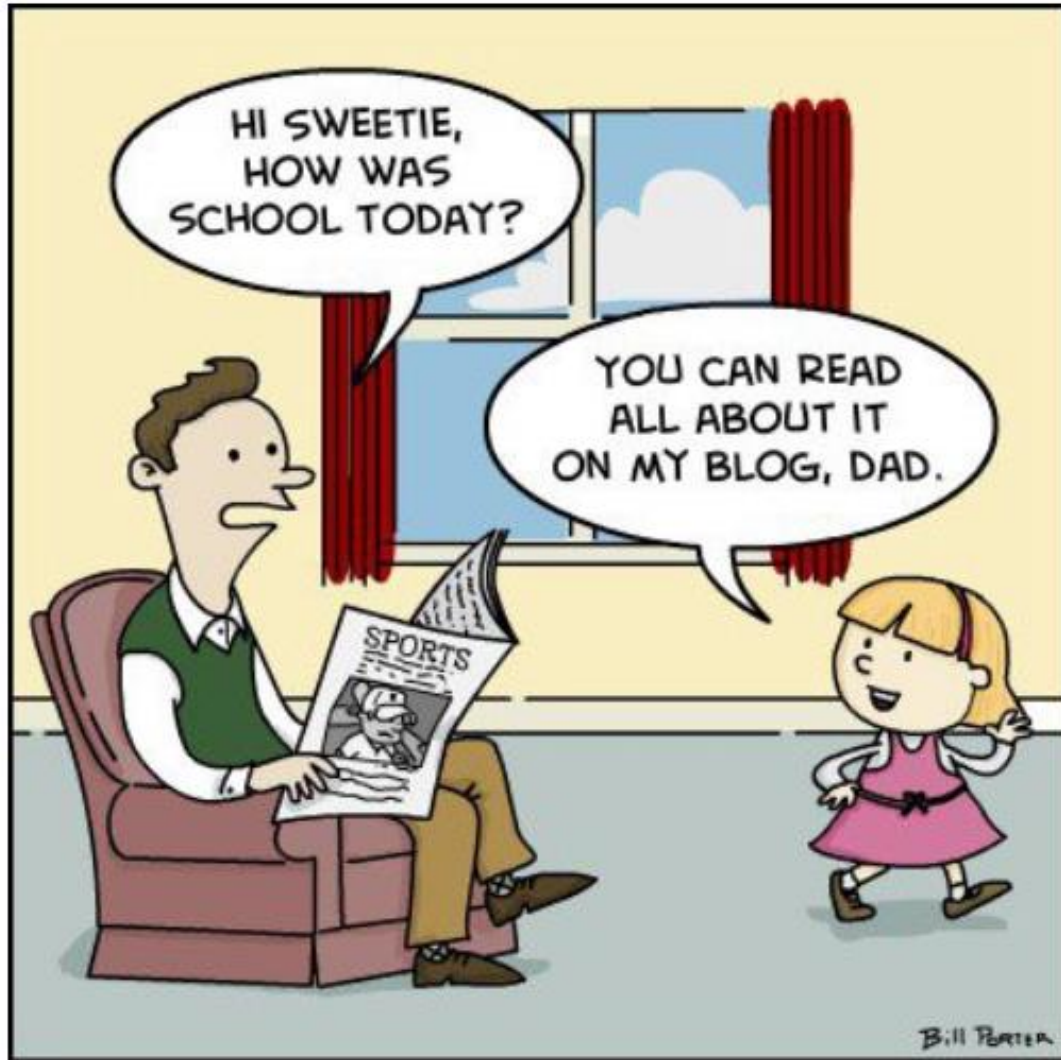
Outlines:

- 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

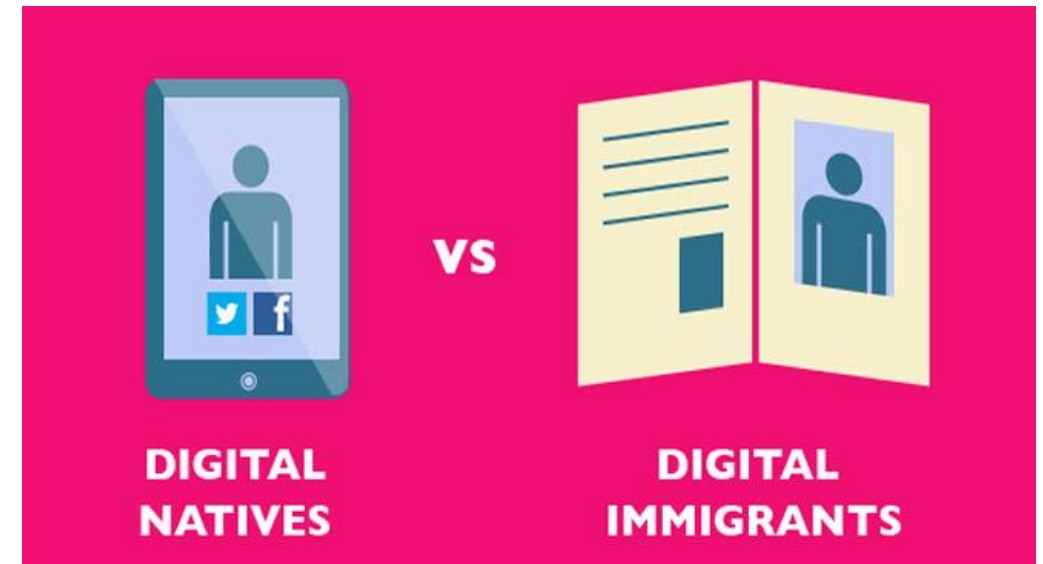


Digital Natives

> 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

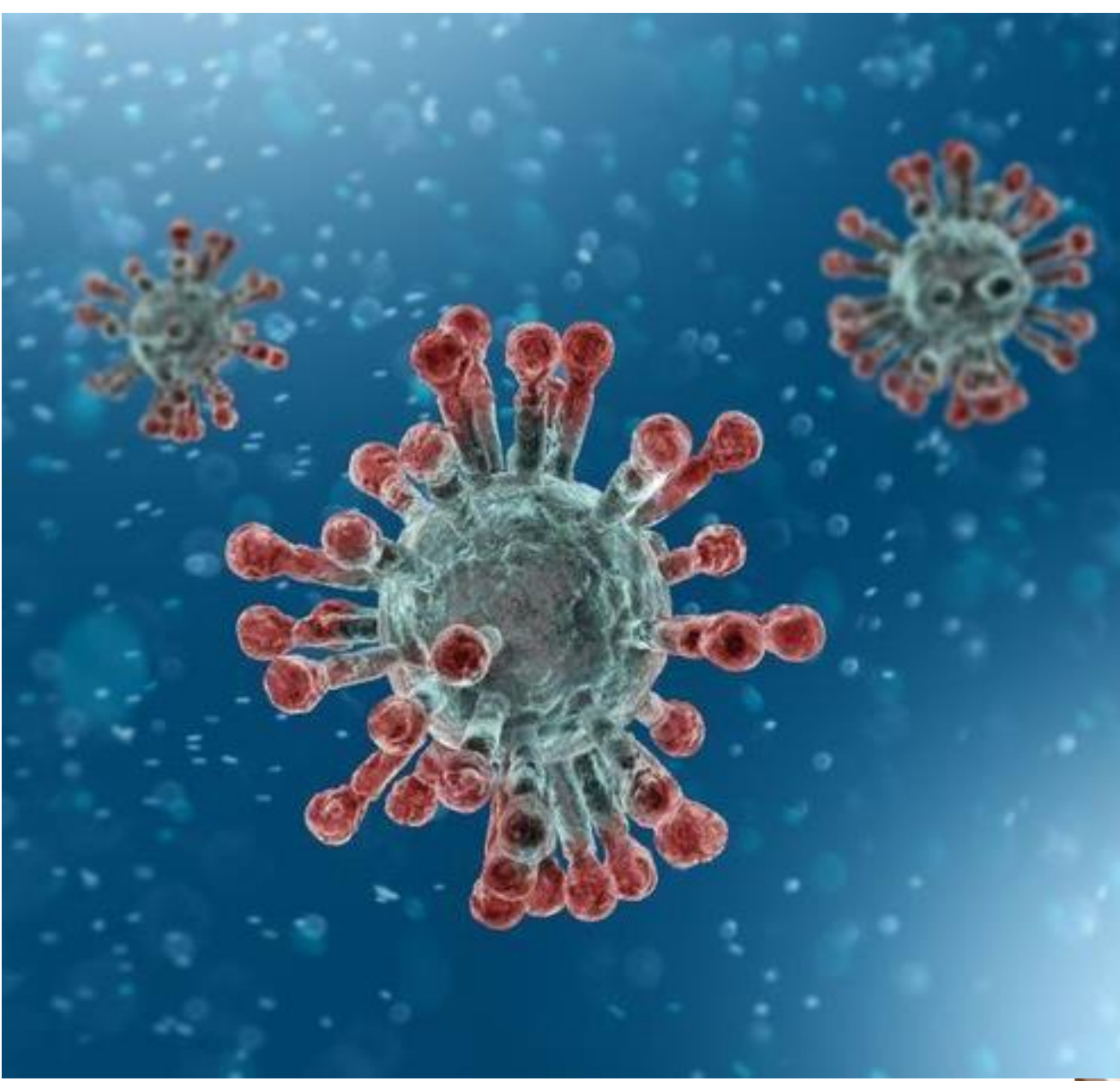


Connectivism

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 Blended 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?

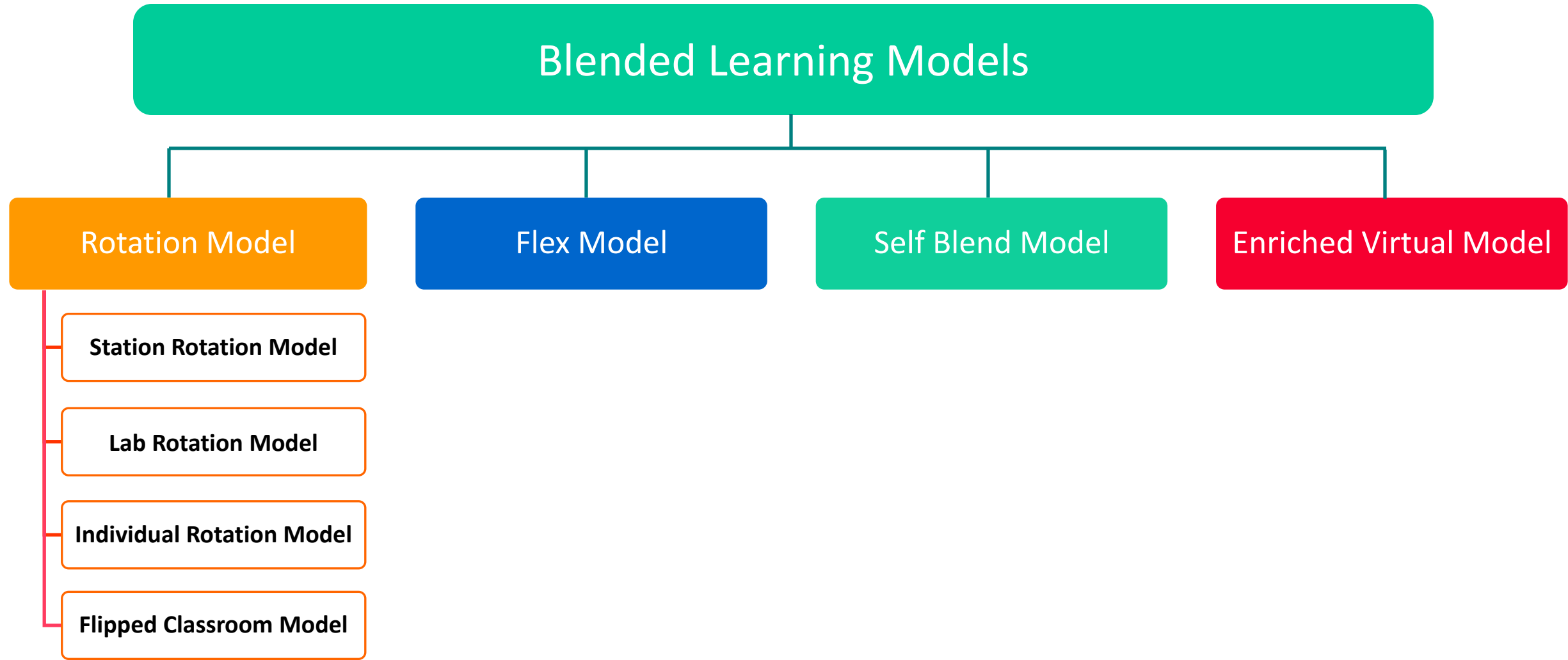


Models vary in the way:

- ➡ ○ 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?



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

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.

تنوع و تراکم در ماهیت یک درس

Seven Models of Blended Learning?



Station Rotation

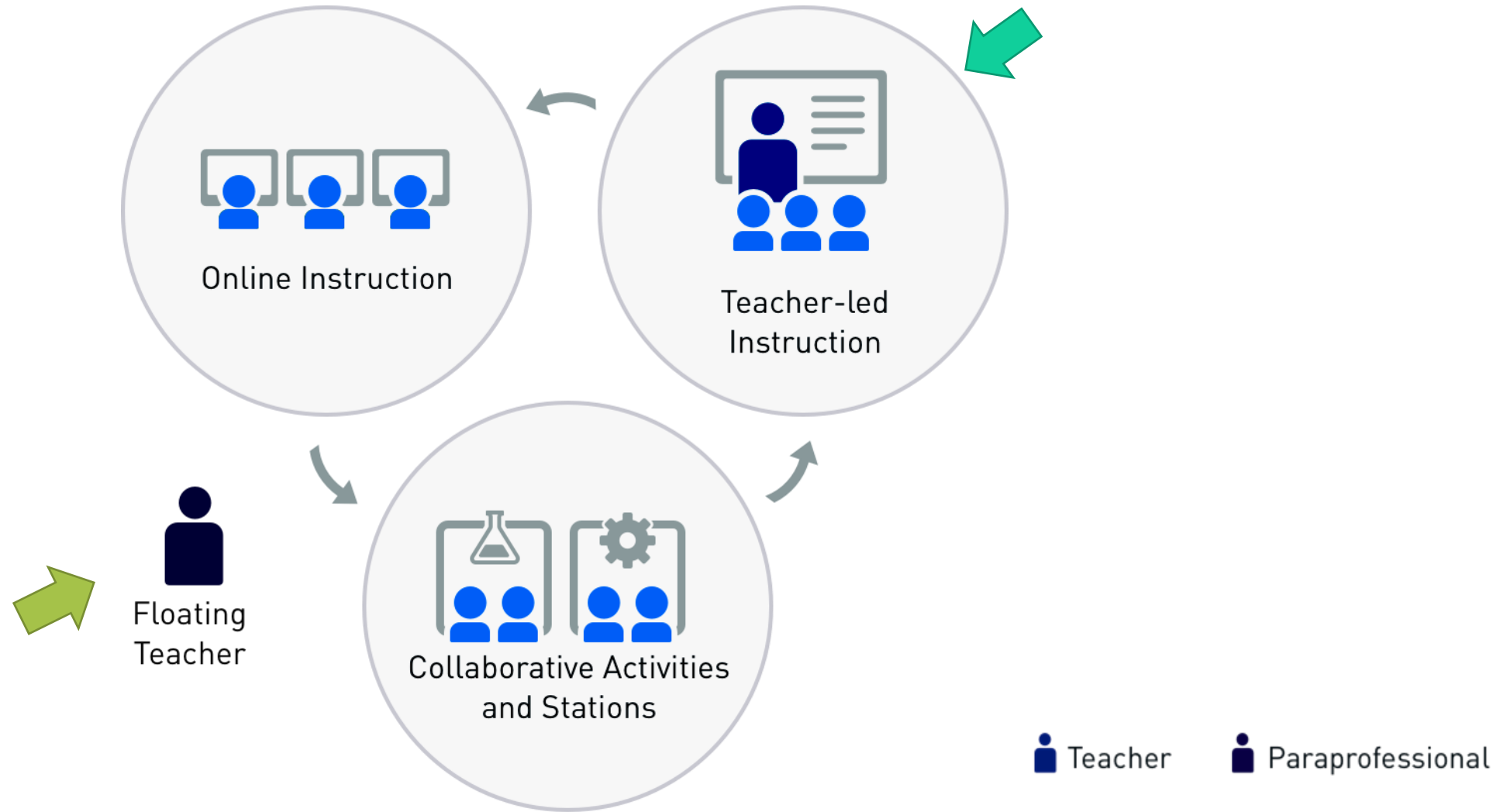
Groups	9:00 - 9:30	9:30 - 10:00	10:00 - 10:30
Group 1			
Group 2			
Group 3			

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?



Blended Learning Models

Rotation Model

Station Rotation Model

Lab Rotation Model

Individual Rotation Model

Flipped Classroom Model

همزمانی و محدودیت در فضا
(کارآموزی ها)

Flex Model

Self Blend Model

Enriched Virtual Model

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.

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Lab Rotation



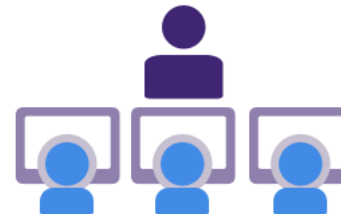
Direct Instruction:
Math & Science



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

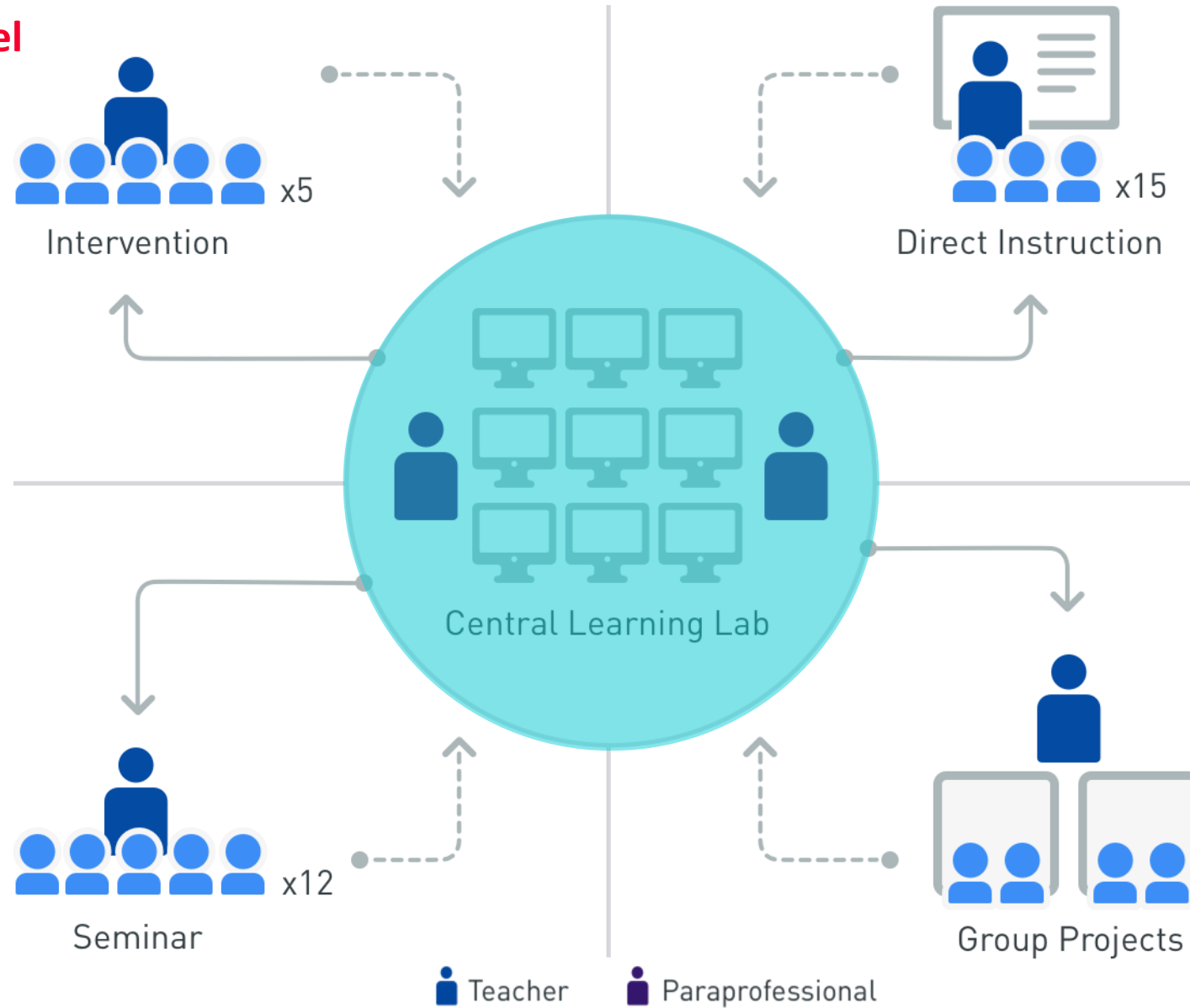
Enriched Virtual Model

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.

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Individual Rotation Model



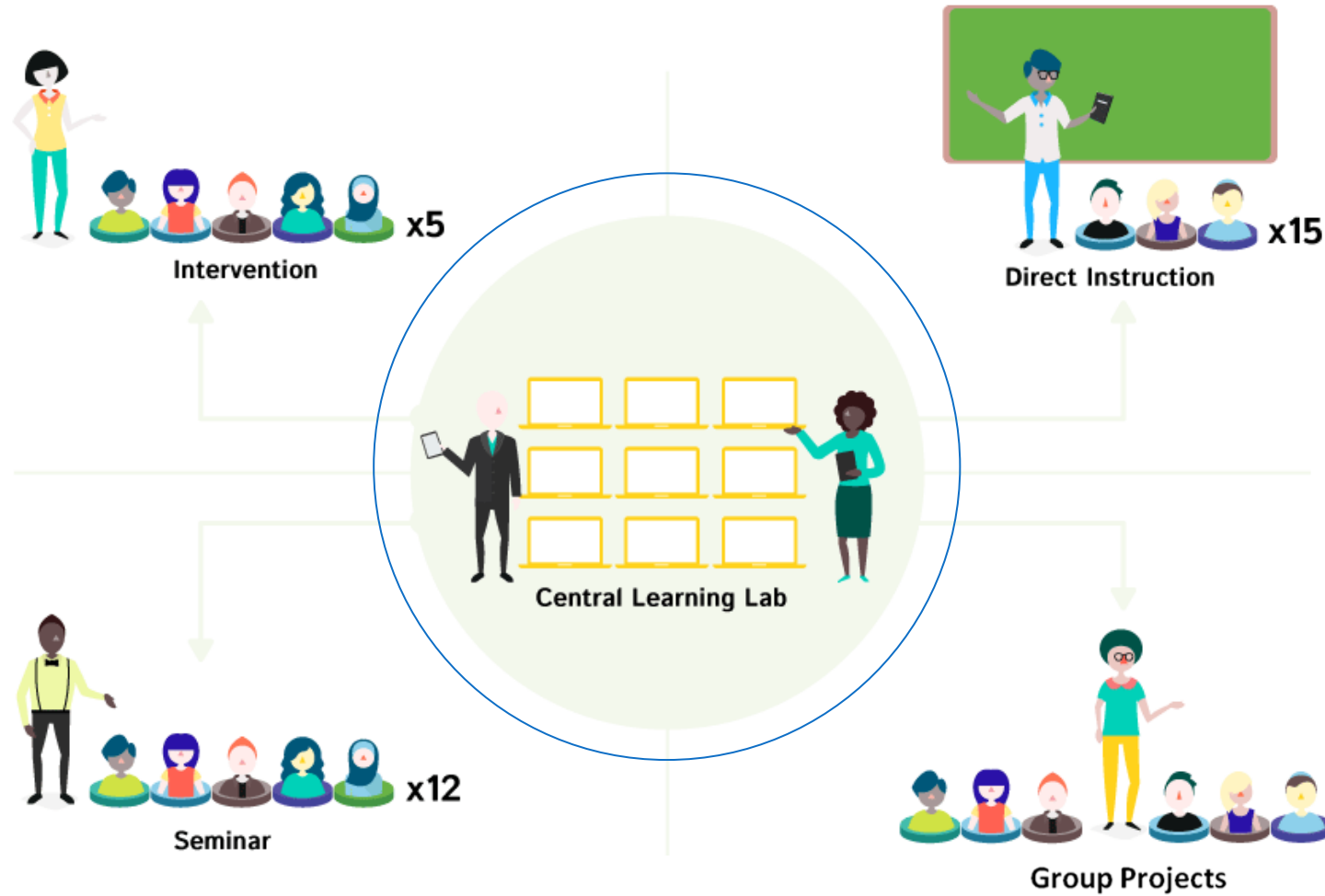
تنوع افراد، تنوع نیازها،
محدودیت زمان و مکان

دروس فردی با استاد
دروس جامانده

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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

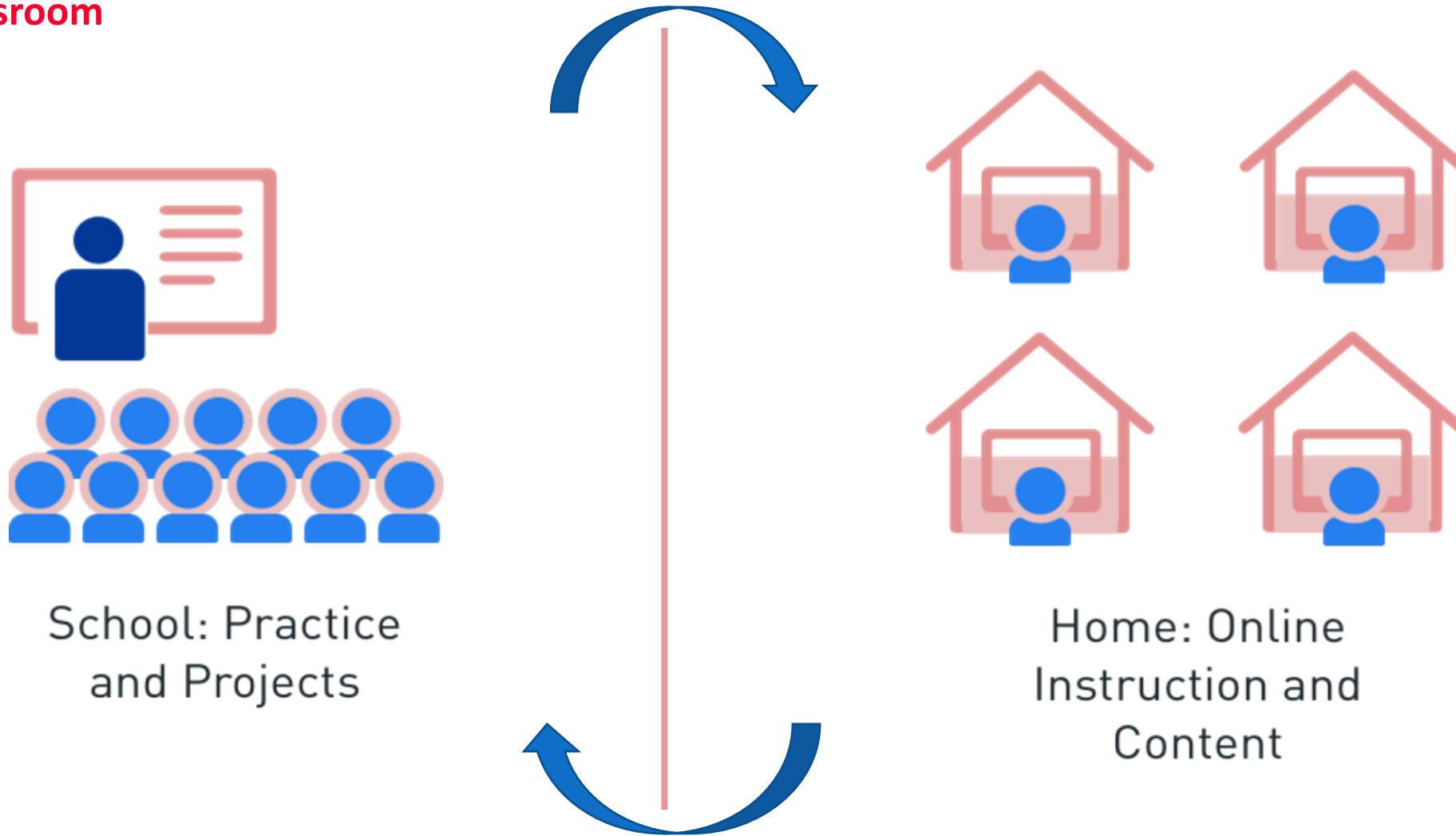
Enriched Virtual Model

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?



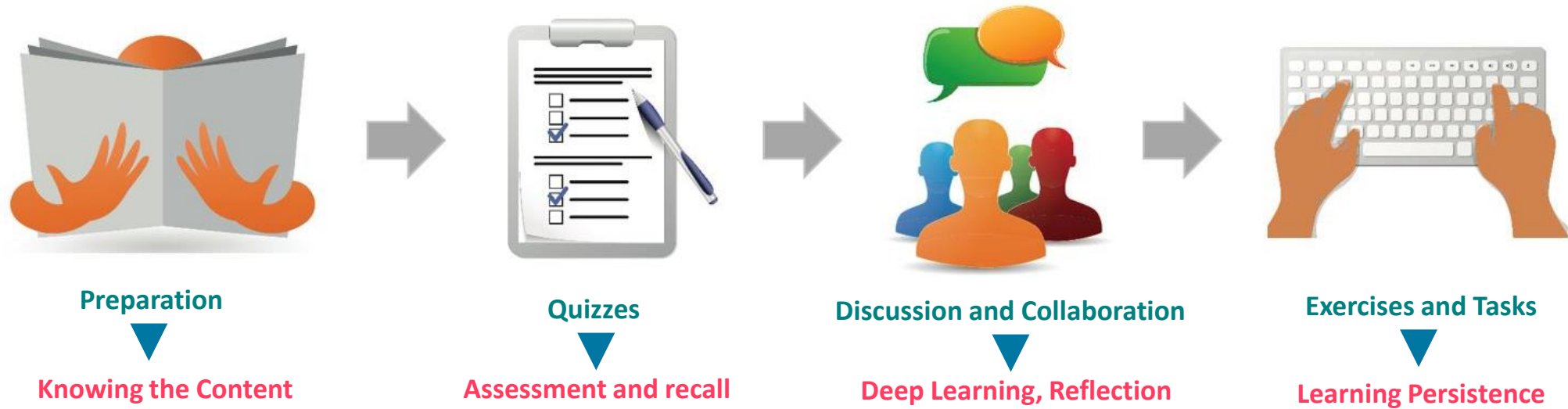
Flipped Classroom



Seven Models of Blended Learning?



Flipped Classroom



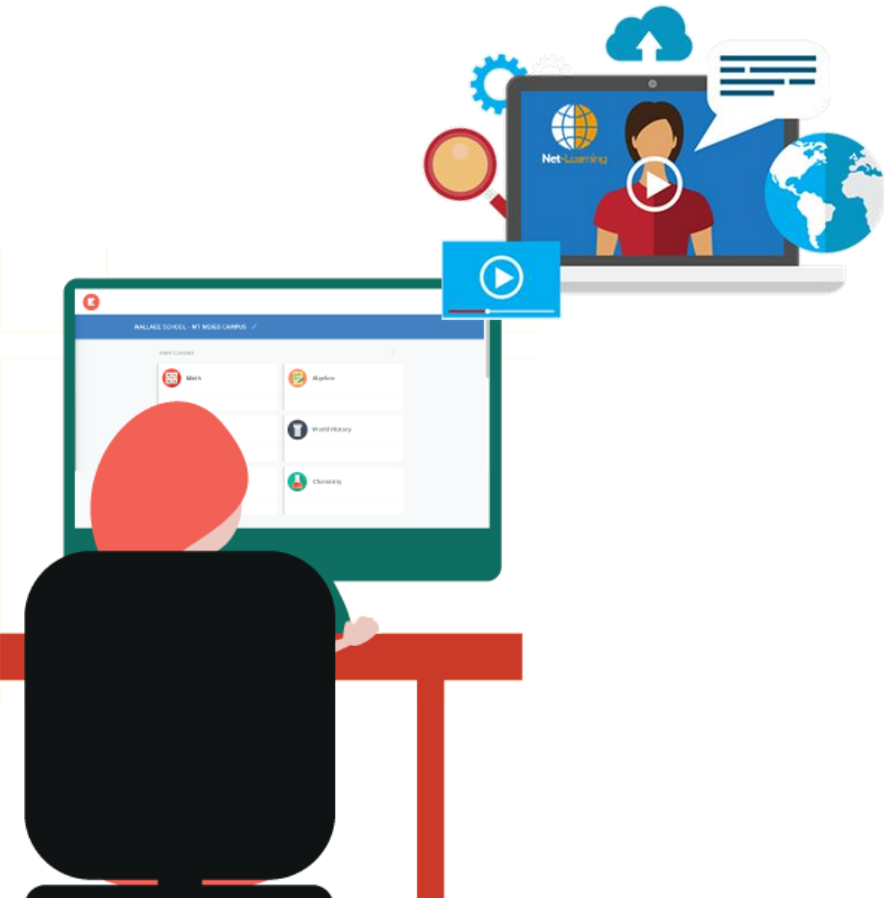
the Typical **homework** would be completed in class,
allowing for learning through activity and teacher scaffolded support.

Seven Models of Blended Learning?



Flipped Classroom

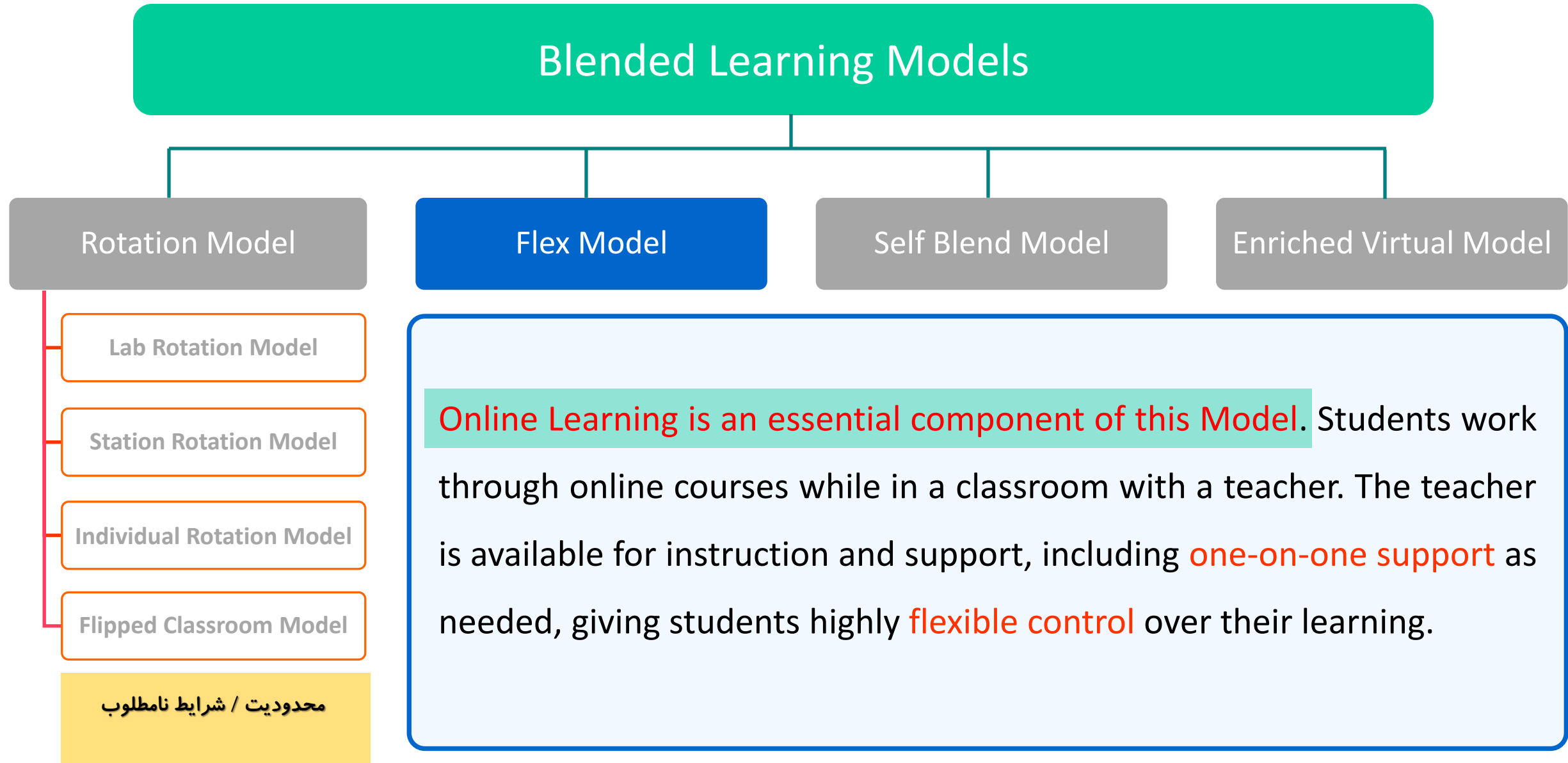
Home



Classroom, Platform



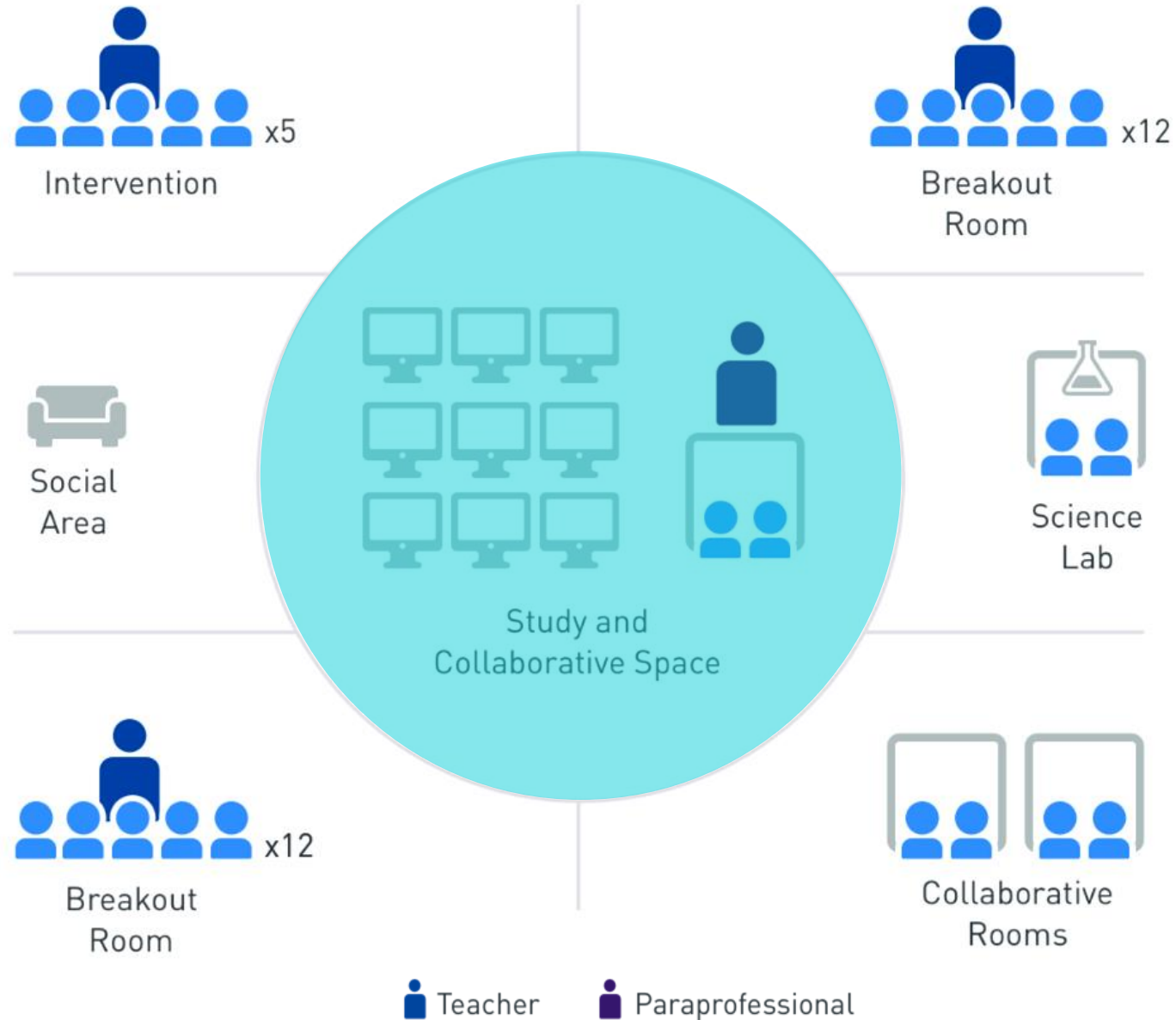
Seven Models of Blended Learning?



Seven Models of Blended Learning?



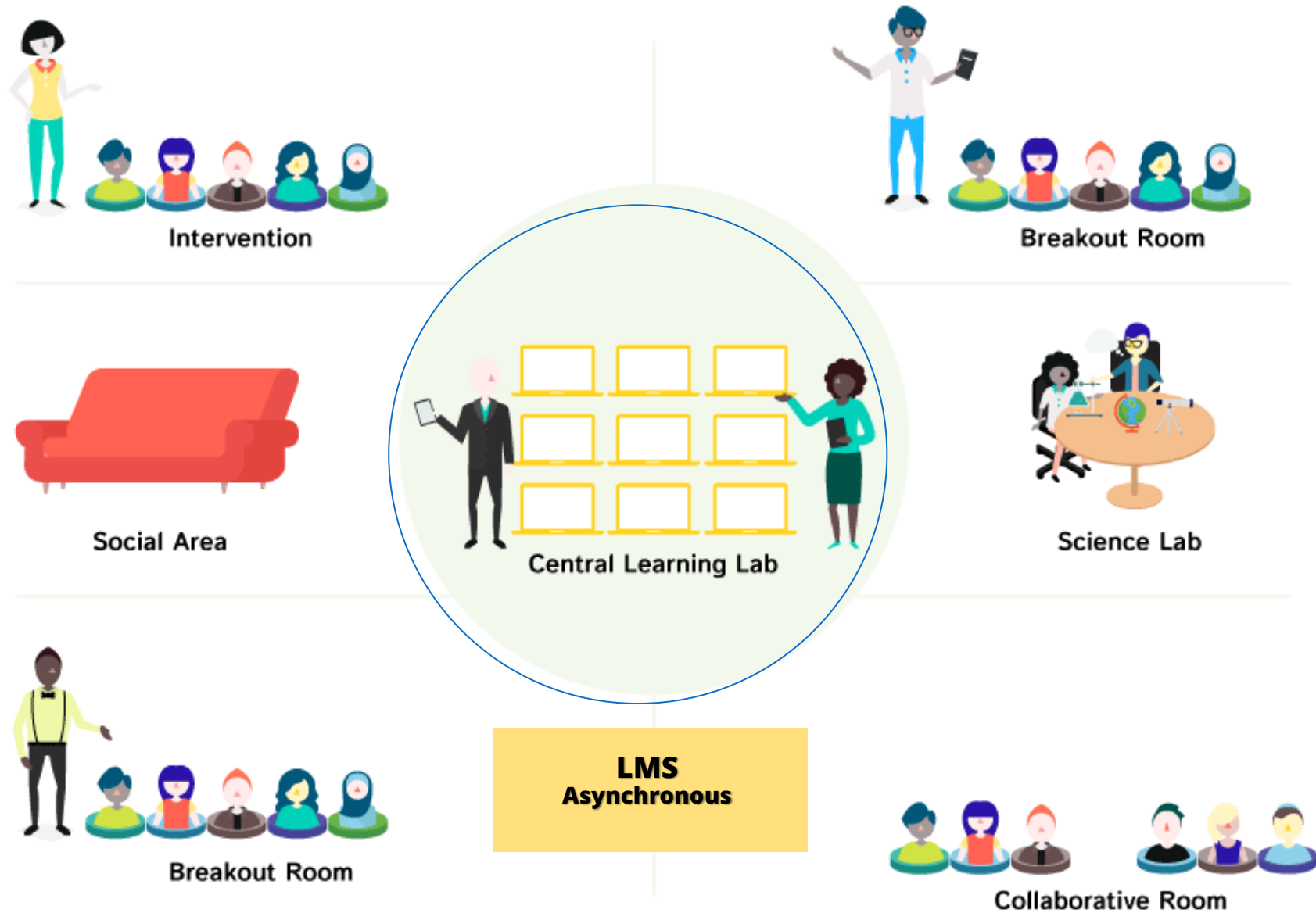
Flex Model



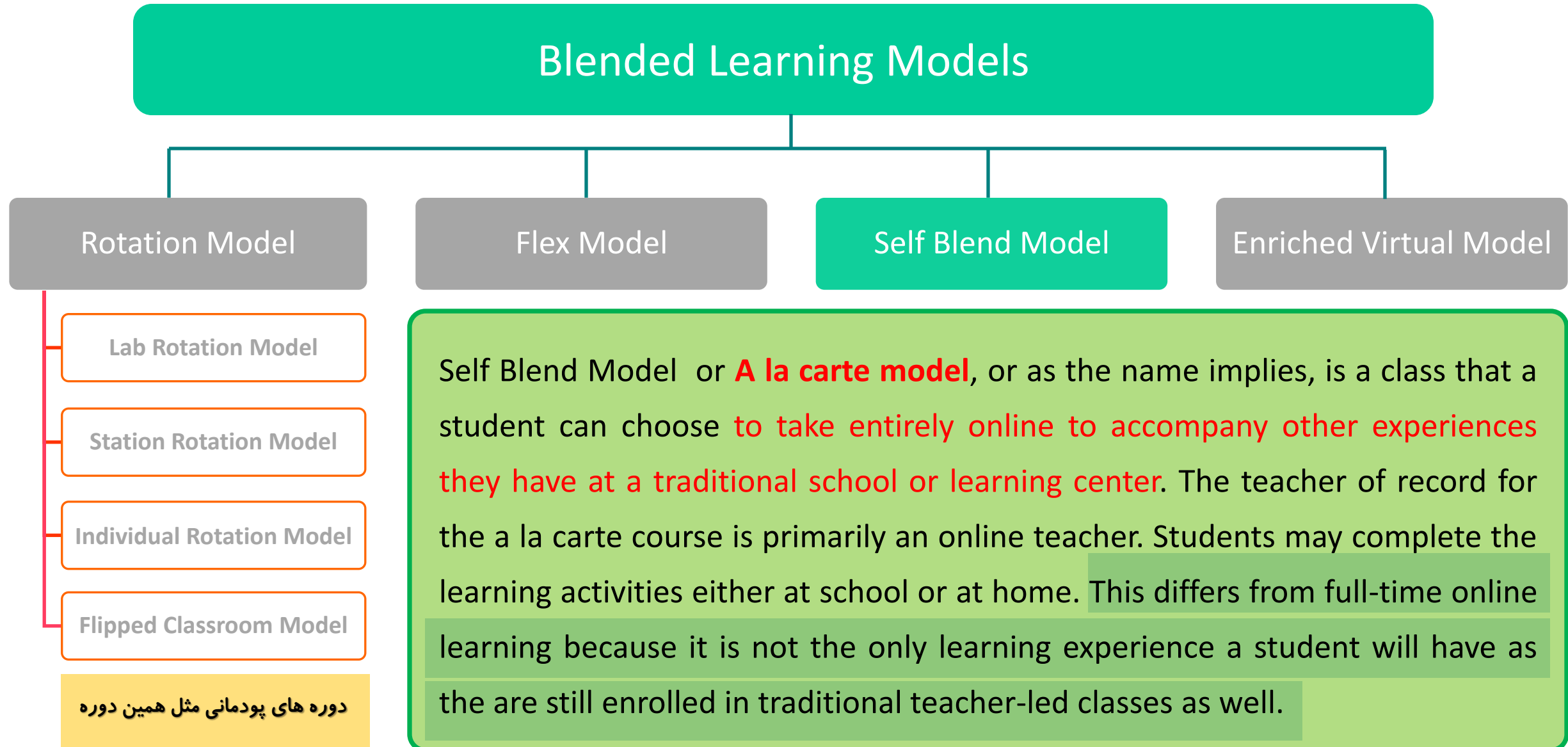
Seven Models of Blended Learning?



Flex Model



Seven Models of Blended Learning?



Seven Models of Blended Learning?



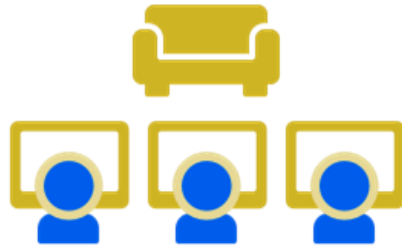
Self Blend Model
A La Carte Model



School



Online Teacher

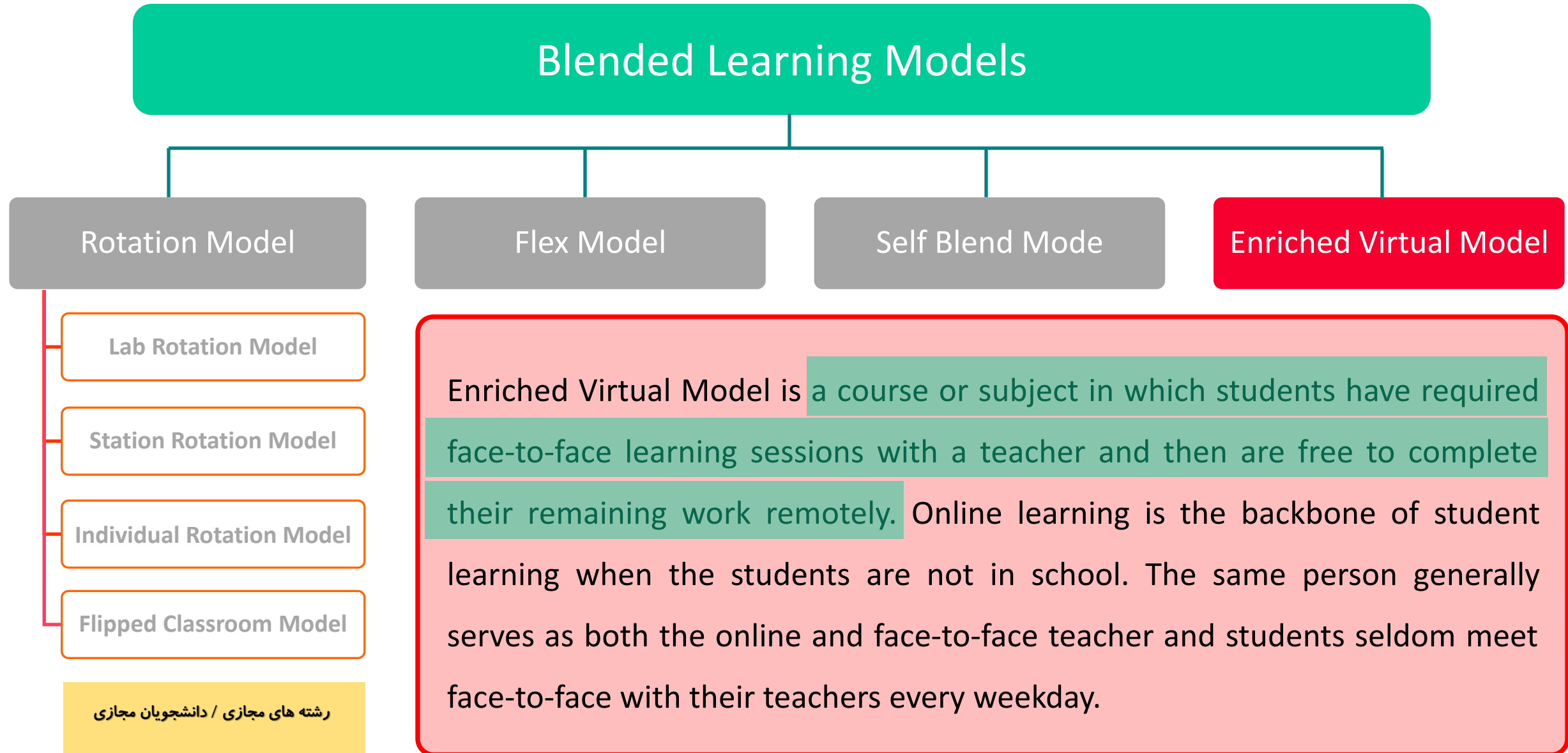


Learning Lab



Home

Seven Models of Blended Learning?



Seven Models of Blended Learning?



Enriched Virtual Model



School: Face-to-face
Supplementation

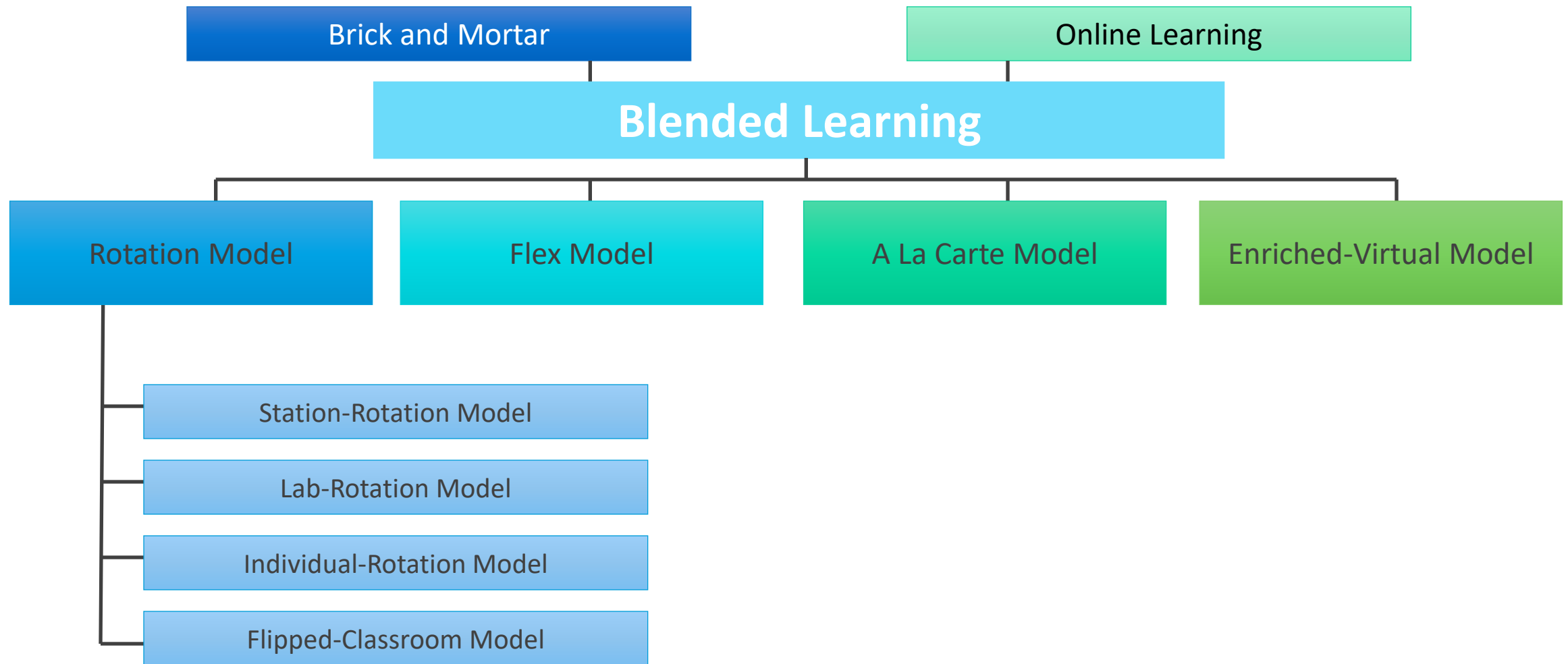


Home: Online
Instruction and
Content

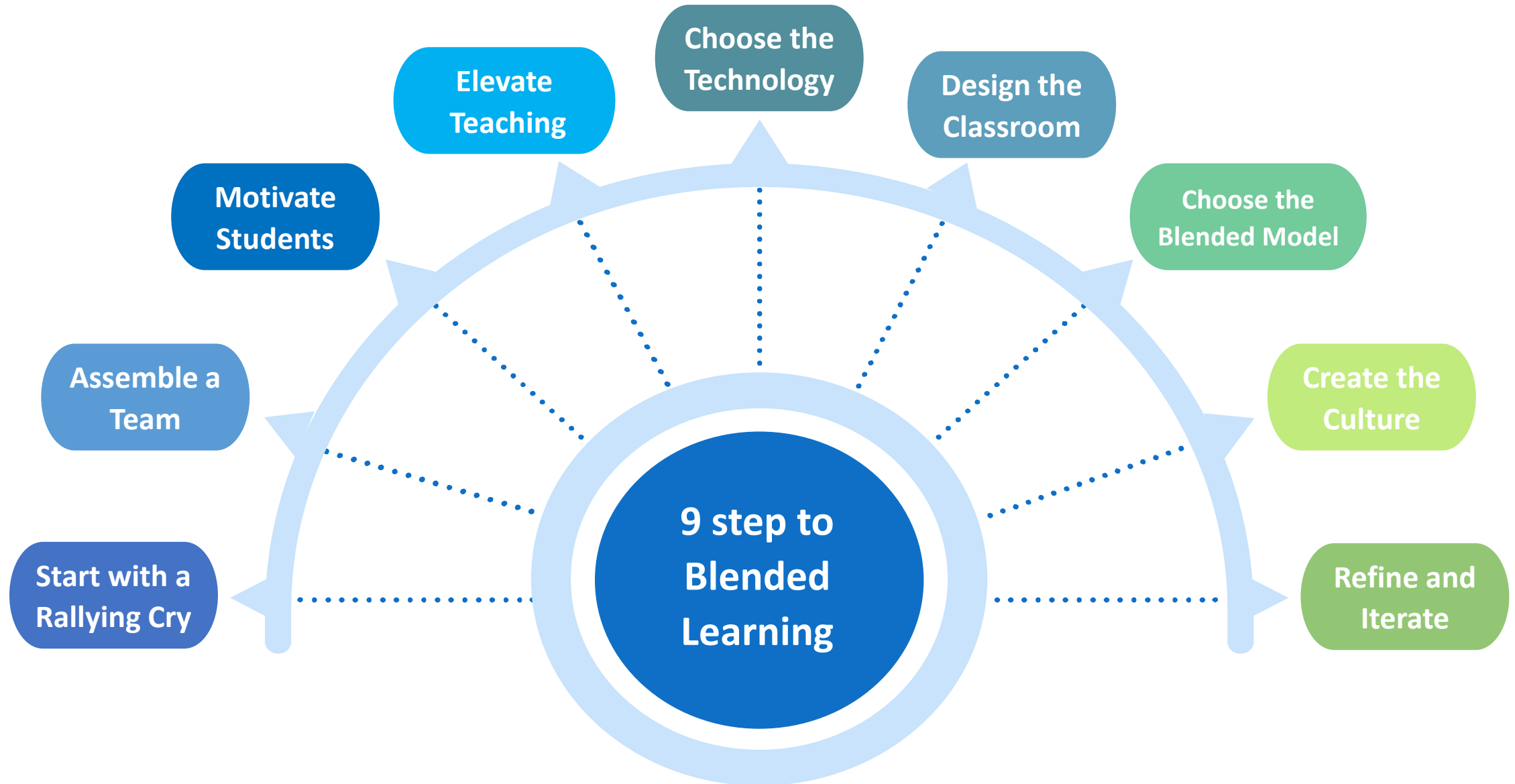
Massive Open Online Courses



Seven Models of Blended Learning?



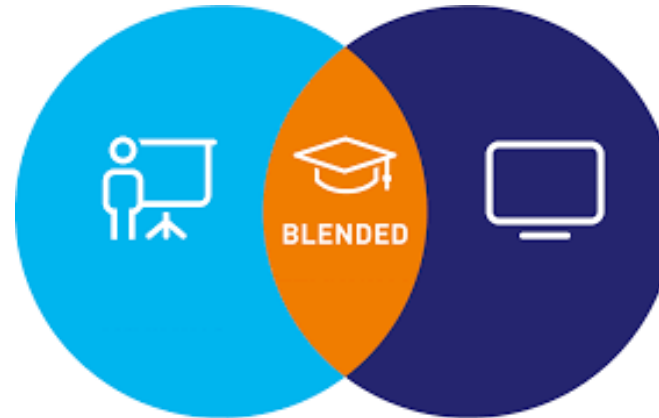
Blended design steps





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

01

Online Teaching/Training

02

Online Student Interaction

03

Online Management of Information

04

Mobile Learning

05

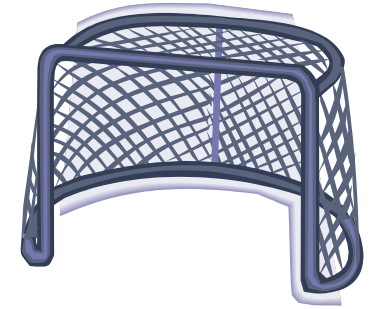
The Internet/ The www

06



01:00

خود آزمایی



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؟

Self Blend (الف)



Enriched Virtual Model (ب)



Flex Model (ج)



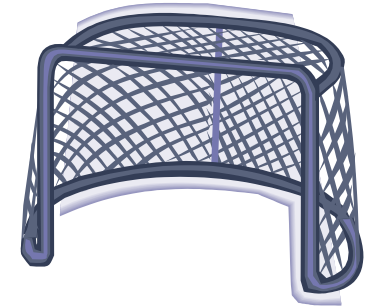
Individual Rotation Model (د)





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؟

Individual Rotation Model (الف) ●

Enriched Virtual Model (ب) ●

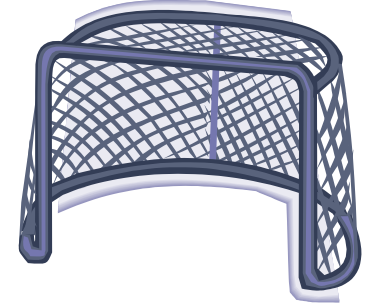
Flex Model (ج) ●

Self Blend (د) ●



01:00

خود آزمایی



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

Self Blend (الف) ☐

Enriched Virtual Model (ب) ☐

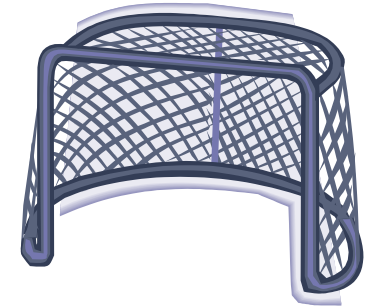
Flex Model (ج) ☐

Individual Rotation Model (د) ☐



01:00

خود آزمایی



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

Self Blend (الف) ●

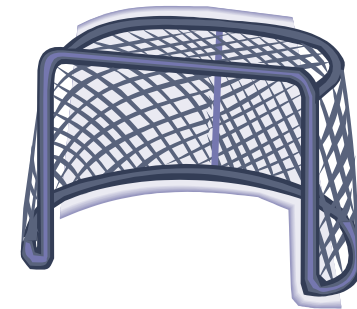
Individual Rotation Model (ب) ●

Flex Model (ج) ●

Enriched Virtual Model (د) ●



خود آزمایی



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

الف) Self Blend ●

ب) Enriched Virtual Model ●

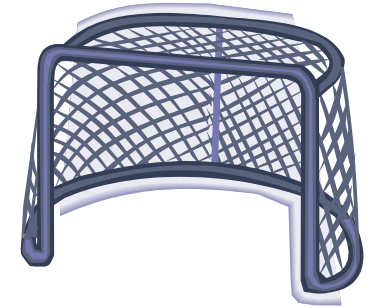
ج) Flex Model ●

د) Individual Rotation Model ●



01:00

خود آزمایی



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

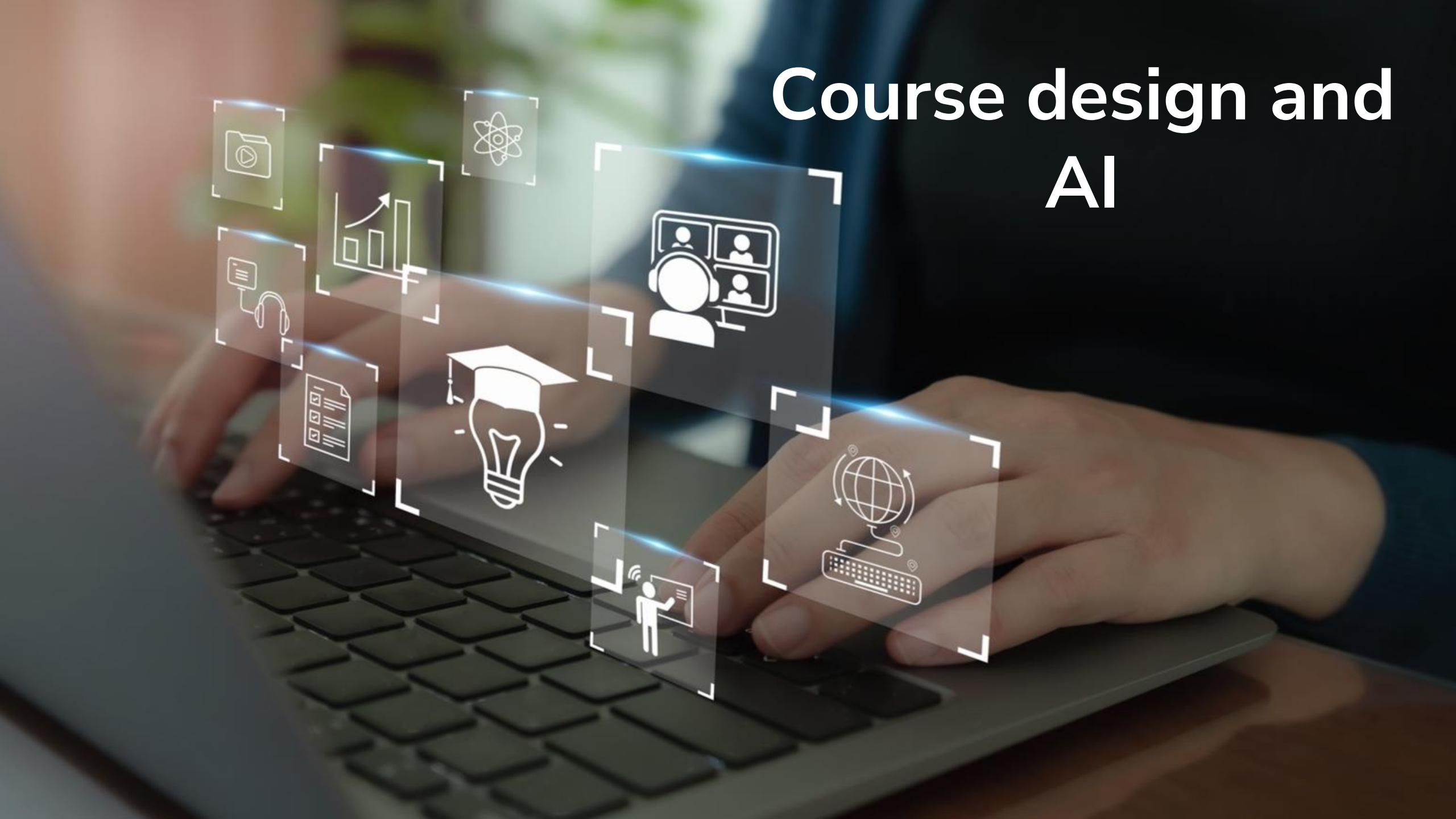
Self Blend (الف) ☐

Individual Rotation Model (ب) ☐

Flex Model (ج) ☐

Enriched Virtual Model (د) ☐

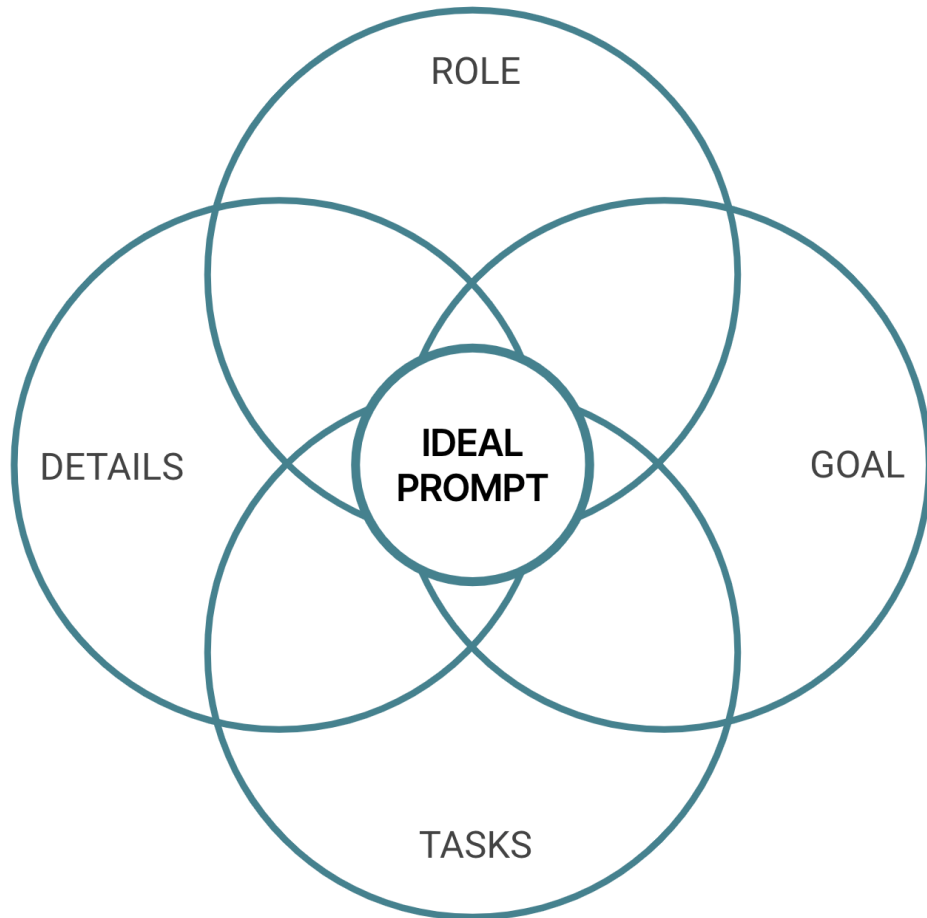
Course design and AI





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 مولاژ 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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