



## “The future of education” - Learning 4.0

### What is it – really?

#### 1. **Diverse time and place**

Students will have more opportunities to learn at different times in different places. eLearning tools facilitate opportunities for remote, self-paced learning. Classrooms will be flipped, which means the theoretical part is learned outside the classroom, whereas the practical part shall be taught face to face, interactively.

#### 2. **Personalized learning**

Students will learn with study tools that adapt to the capabilities of a student. This means above average students shall be challenged with harder tasks and questions when a certain level is achieved. Students who experience difficulties with a subject will get the opportunity to practice more until they reach the required level.

#### 3. **Free choice**

Though every subject that is taught aims for the same destination, the road leading towards that destination can vary per student. Similarly to the personalized learning experience, students will be able to modify their learning process with tools they feel are necessary for them.

#### 4. **Project based**

As careers are adapting to the future freelance economy, students of today will adapt to project based learning and working. This means they have to learn how to apply their skills in shorter terms to a variety of situations.

#### 5. **Field experience**

Because technology can facilitate more efficiency in certain domains, curricula will make room for skills that solely require human knowledge and face-to-face interaction. Thus, experience in ‘the field’ will be emphasized within courses.

#### 6. **Data interpretation**

Computers will soon take care of every statistical analysis, and describe and analyze data and predict future trends. Therefore, the human interpretation of these data will become a much more important part of the future curricula. Applying the theoretical knowledge to numbers, and using human reasoning to infer logic and trends from these data will become a fundamental new aspect of this literacy.

#### 7. **Exams will change completely**

As the factual knowledge of a student can be measured during their learning process, the application of their knowledge is best tested when they work on projects in the field.

#### 8. **Student ownership**

Students will become more and more involved in forming their curricula.

#### 9. **Mentoring will become more important**

In 20 years, students will incorporate so much independence in to their learning process, that mentoring will become fundamental to student success. Teachers will form a central point in the jungle of information that our students will be paving their way through. Though the future of education seems remote, the teacher and educational institution are vital to academic performance.

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## One example of Learning 4.0.....

The instructor personalizes learning by giving students a performance-based model that lets student’s progress after they demonstrate mastery. Days are split between self-directed learning and teacher-led instruction. Teachers are called “learning facilitators,” and even during teacher-led instruction, students can choose from various assignments and learning experiences. The district’s online Empower system tracks student data to ensure all students are successful on their learning paths.

How can you use of this teachers example in your classroom?

Should you “pre-test” to allow students to move ahead?

Are you prepared with “levels” of instruction? Is your course designed to allow a student to jump ahead of your class?

Preparing students with an assignment that has them researching, sharing and then critiquing each other is one way to add Learning 4.0 into your classroom. You can give them an assignment; allow them to research on their own time; then post their information on a bulletin board or discussion board. If you are not set up for an on-line discussion, then the students can bring their research to class and have an open discussion.

## Create a site with Google Sites!!

You can create one or more websites on Google Sites Classic.

**Note:** This article is for the classic Google Sites (no “Publish” button at the top right). You can also use the new Google Sites!

## Choose a URL and template

1. Sign in to [Google Sites](https://sites.google.com) with your Google Account. <https://sites.google.com>
2. Click **Create**.
3. Choose a template. Or, you can use the default blank template or click **Browse the gallery for more**.
4. Enter a name for your site.
5. Enter a URL for your site.
6. To start with a pre-set background, font style, and font color, click **Select a theme**.
7. To give your site a description or categories, click **More options**.
8. At the top of the page, click **Create**.

**Note:** You can change your template or theme later, but any prior edits to site style or layout will be deleted.

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# Tidbits



There is a new vision for learning, starting right now!!!

1. More important to know why you need something, a knowledge or skill, and then where to find it!

2. Built around each individual, their personal choice of where and how to learn, and tracking of performance through data-based customization

3. Learning together and from each other – peer to peer learning will dominate, teachers more as facilitators, of communities built around shared learning and aspiration.