What is Design Thinking and why is it important? The importance of creativity in improving the quality of work in every sphere

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ABSTRACT

Giving understanding that Design Thinking is generally considered to be a creative process that enables people to push back the frontiers of opportunities to new experiments and models and explaining that Design Thinking ability can transform our daily lives in all sorts of creative ways. We can use our design thinking skills to define a problem, determine the cause of the problem, identify, prioritize, and implement a solution. With the help of innovative and design thinking skills we can offer new approaches and theories in our hectic pace of life.

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Dizayn-fikrlash nima va nima uchun muhim? Har bir sohada ish sifatini yaxshilashda kreativlikning ahiamiyati

ANNOTATSIYA

Dizayn-fikrlash umumiy ravishda kreativ jarayon deb hisoblanadi, bu odamlarga yangi eksperimentlar va modeller uchun imkoniyatlarni chegara larini o'qitishga imkon beradi va dizayn fikrlash qobiliyati bizning kunlik hayotimizni har xil kreativ usullarda o'zgartirishi mumkin. Biz dizayn-fikrlash ko'ninklarimizni muammolarini aniqlash, muammolarning sababini aniqlash, izlanish, prioritetlarni belgilash va yechimni analga oshirish uchun ishlatishimiz mumkin. Innovatsion va dizayn-fikrlash ko'ninklar yordamida biz hayotimizning tizimli tezligida yangi yondashuvlar va nazariyalarni taklif qila olamiz.

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Что такое Дизайн-мышление и почему это важно? Важность креативности для улучшения качества работы во всех сферах

АННОТАЦИЯ
Дизайн-мышление часто воспринимается как творческий процесс, который способствует расширению границ возможностей через новаторские эксперименты и модели, а также трансформирует повседневную жизнь разнообразными творческими способами. В данной статье исследуется, как навыки дизайн-мышления могут быть применены для идентификации и анализа проблем, определения их причин, приоритизации задач и реализации решений. С применением инновационных и дизайнерских подходов предлагаются новые теоретические и практические подходы для современного динамичного образа жизни.

METHOD
There are some stages of design thinking such as analyzing needs and problems, creating ideas, starting to find solutions, testing and experimenting. The measures are principally designed to tackle the issues alleviate the lives of humans. Even though we live in a world filled with modern technology, our design thinking ability can still offer novel solutions to many problems that people are facing today. Design thinking is considered to be the intersection of what is desirable from a human point of view with what is logically feasible and economically viable and it is described to be an exciting new paradigm for dealing with problems in many professions. For every solution there should be a need and where there is a need, there is a person. Identifying opportunities and
needs demand that one not only is empathetic but also an explorer. Therefore, design an experience, regardless of type or goal, will most likely lead towards a path of unexpected discoveries, it related to the target audience through empathy building or to new findings through extensive and exploratory research. The problem of opportunity that motivates the search for solutions, the process of generating, developing and testing ideas, the path that leads from the project room to the market are the ways to achieve excellence and, ultimately, to innovate.

Every individual can have a creative ability and they can use this ability according to their jobs and professions. Creativity can be used in every sphere and it improves the quality of work. The creativity in artists generally starts from the impulsion of creating and making with curiosity to see and understand. They have a great sensation to express themselves which can lead creativity. Even though their work demands physical effort, with the help of internal pressure they can enjoy challenges of their work. Most artists’ creating and working of time and places are not stable, and they do not have specific working hours and place. Designers are often motivated by some problems and their strong desire to solve the problems that shared from their clients. Some obstacles related to technical difficulties, time constraints and financial problems or even conflicts with clients affect their work process to some extent and, on some occasions they are blocked because of their missing inspiration. Similar to artists, designers prefer the variation of their daily routine and do not work in same place, as well as do not follow a schedule. Musicians often get impulsion to work on a song or a particular music element from their inner creativity. Their need to touch and play instrument and to create music that unknown before give them a sense of satisfaction. Many of them prefer to work at night and they do not have strict schedule and workplace like other artistic domains. Scientists get impulse toward their work because of their concerns and curiosity to learn something new or reach a compromise to a problem. They can face with challenges when they have misapprehension to understand dilemmas or because of block to reach the conclusion. Unlike designers and artists, the time and the space for scientific activity tends to be fixed in a stable working place and some days can be more productive than other days. The process of creativity in science can really attract my attention, and awaken my interest to this field. The investigation of scientific creativity confirmed four stages model of preparation, incubation, illumination and verification (Sriraman, 2004). We think that scientific creativity is immense asset because their work process is more challenging. Firstly, observation that includes seeing something by thinking about a question and doing research about a question play an important role. Then, scientists formulate hypothesis based on the observation, make an informed guess on what is going on and test their theory in a fair and unbiased way. Lastly, they can conclude and revise according to if their experiments prove and cannot disapprove their hypothesis in order to accept it. If their experiments disprove their hypothesis, they revise it based on their new knowledge and test again. It is great to overcome all the blocks and issues of the experimental design.

RESULT
By discovering many aspects of creative thinking, we can say that we have a creative ability in education, since we have been practicing teaching for a number of years and my creative ability has been developed in this field. Sometimes, we have to face with many challenges during the teaching activity and it is common to see some students
that we teach are not so enthusiastic to follow the classes. They are sometimes demotivated by many problems and those interruptions are either family matters, or business closely related to meaning their necessities. The problems lead to get actions to solve issues and create new teaching strategies by thinking in different and new ways. In order to help students to overcome difficulties and attract their attention to the class, we start by identifying and formulating problems that hinder students’ progress. Then, we raise questions and think about whether the question is novel. When we think about the best ways of presenting teaching materials in inspiring ways. Generating and synthesizing ideas help us if the idea is appropriate, adaptable and original. We try to consider alternatives, evaluate solutions and consequences and reach reasonable conclusions. And, we think of whether the solution is logical and aligned with constraints and communicate effectively by using intellectual standards and connect to overarching principles and combine ideas in logical ways. In addition, non-traditional ways of learning are viewed as more motivating and inspiring and my creative teaching methods are mainly based on prompting meaningful learning and student engagement, as well as we pay attention to improve problem solving and creative thinking abilities in students instead of following the strict rules during the classes. As a teacher, we are also good at design creativity, as we have always had amazing classroom decoration ideas that we use for creative learning and teaching. We have no control over whether students go home to a happy, stimulating or a caring environment, but we do control the four walls of the room where we and our students spend some of the most formative moments. So, we always try to do my best to design our classroom in creative ways. Since the decor, style and level of classroom decoration we display is a reflection of us as a teacher, our personality and a great launch pad to build credibility with parents and students. We are not a designer, but we are very highly innovative, and industrious when it comes to getting a lot from a little to create teaching and learning opportunities in my classroom.

DISCUSSION

Creating something new gives you an opportunity to enjoy your life. Simply, we should move toward things that you enjoy, as the more we enjoy something, the better you become at it. The more things you enjoy, the more similarities we can see across all of those subjects. Indeed, exposing yourself to various things is good for your brain. Life is ongoing process of change and should be treated as much as possible. To be a creative thinker, you need to explore different fields. However, if you want to become a master at something, you need to focus on a particular path. Creativity is considered to appear when you take an idea from its original context and you move it somewhere else. Creative process in each domain is considered to have some similarities and differences and each of them can represent unique or common features of developing their work. In a nutshell, all domains in creativity have a basic pattern in common and all creative activities are considered to be healthy behavior that increases satisfaction. Some people think that we are not an artist and we do not use creativity at work, but it is more than just artistic expression, you probably use creativity to make decisions or solve problems on a daily basis. People can be creative in many different ways and fields, as it is “thinking outside of the box” that can be applied to many things. We strongly believe that people have creativity in them they just do not know how to put it to use. For any idea to succeed, it should be released out into the world and submitted to the criticism, and adopt it as needed. Thinking and creating are so wonderful in so many ways and everyone should give themselves permission to be creative.
CONCLUSION
In order to be creative designer, it is crucial to understand what theorist and researchers mean by creativity that it is the generation of novel and useful ideas and this implies several things, such as a solution or idea can rest on the shoulders of other ideas. It can be a unique mash-up of existing approaches and does not need to be entirely original. Creativity plays a crucial role in how a solution to a problem is outlined, what alternatives can be chosen, and how to identify new ways of looking at the problem. It is the ability to create new ideas to design new perspectives on existing ones. That is why everyone should have a creative process, no matter what job it is related to. Everyone have a creative mind and it is important to use it every time it is needed and make practice to progress it at work as well as in life. We should take the time to consider and define a creative process to use on a regular basis. Everybody should challenge herself/himself every day and search for inspiration in even the most mundane places. We believe that anyone can achieve or create something and be successful due to their ways to think creatively. Whether it is starting a business, creating a work of art, or just finding a way to accomplish something quicker and more efficiently. Imagination, curiosity, reflection, courage, logical thinking are important to be creative. And, everyone should always be open to ideas and take time to explore my passion, as well as practice mindfulness and try to reflect on past experiences, thinking through what worked and what did not.

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