eCiC
electronic Collaborative idea Cultivation

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What

To enable collaborative creativity, the eCollaboration-Research Team at the Swiss DistanceUniversity of Applied Sciences has developed a solution whereby students or teachers can collaborate and nurture new creativeideas in a structured and guided way. In our solution, this nurturing takes place by means of a collaborative online process inwhich the "idea seed" will be "cultivated" during various interactive phases as defined by the eCIC method and supported by theeCIC online tool (eCiC = electronic Collaborative idea Cultivation). Together the method and tool constitute the eCIC system.The eCiC interaction method is a procedure which defines a creative collaboration session in three stages: 1) the setting up of acreative collaboration session, 2) ideas processing according to the "Stockalper model" as well as applying the Solution FinderModel (SFM) and 3) closing the creative

eCiC Youtube Video:
https://www.youtube.com/watch?v=ng-T6HnPFqU

collaboration session. Stage 2 contains the use of two relevant models, the "StockalperModel" which guides the user through three different questions, symbolised by the moon (illuminate your way in the darkness),stars (search for new ideas) and sun (deploy your solution) as well as the Solution Finder Model, a problem-solving methodwhich is based on the principle that in order to find a high quality solution, the 3 elements of need, objective and solution shouldalways be identified and explicitly connected to build a coherent triad (the unity).

**Phase 1:
Die Mondphase**

In dieser ersten Phase beleuchten wir die Idee und suchen nach deren Ziel (Ideen-Definition).

Der Mond symbolisiert, dass wir zunächst im Dunkeln starten und etwas suchen, woran man sich festklammern kann, um gezielt vorwärts zu kommen.

Diese Phase der Ideendefinition liefert Antwort auf die Frage: „WAS wollen wir erreichen?"

Sie dient dazu, die eigentliche Problemstellung zu erkennen (Bedarf) und zu definieren, auf welches Ziel man sich ausrichten will.

Why

Students are very exposed to a teacher if they suggest better solutions for teaching. Because of this fact, acollaborative suggestion will be more effective, even if it is anonymous and can be delivered to the teacher as awhole, as the opinion of the class.

**Phase 2:
Die Sternenphase**

In dieser zweiter Phase suchen wir weiträumig nach Ideen (Ideen-Suche).

Die Sterne symbolisieren nah- und weitentfernte Ideen, welche in unterschiedlichen Formen daherkommen und unser Lösungsspektrum bilden.

Diese Phase der Ideenfindung liefert Antworten auf Frage „WIE können wir das WAS aus Phase 1 erreichen?"

Hier werden Ideen aufgenommen und auf ihren Lösungsgehalt untersucht, welche dem entsprechenden Bedarf und dem definierten Ziel gerecht werden soll.

How

With the help of eCiC, the students can share and discuss educational barriers which they explore withinthe class in a collaborative way. They are not alone with their problem and while using eCiC, they will explorebetter solutions and possible problem solving ideas which they can provide to the teacher. By using eCiC, they canpropose better solutions for the course.

**Phase 3:
Die Sonnenphase**

In dieser letzten Phase erhellen wir eine Idee von Phase 2 und suchen nach deren Realisierbarkeit (Ideen-Realisierung).

Die Sonne symbolisiert den auserwählten Stern mit seinen einzigartigen Eigenschaften.

Diese Phase der Ideen-Realisierung liefert Antwort auf die Frage „WOMIT können wir das WIE aus Phase 2 realisieren?"

Brauchbare Lösungsideen werden hier auf ihren Realisierungsgehalt untersucht und dahingehend verbessert.

Abschluss bildet ein Kurzbeschrieb, welcher die ausgearbeitete Idee darstellt.

Example

This example is a real one, made with students on a course. By using the eCiC system, they find outthat they can react better and even improve their learning on courses if they give the teacher immediate feedbackabout good and bad things on the course. For example, if the slides are unreadable or the examples are toocomplicated. At the end, the collaborative solution of the students was to have a learners' speaker who expressestheir concerns to the teacher. In this way, the learners' speaker has an official function for the class and does notspeak on his/her own, so the teacher speaks more to a learning-representative of the class than to a student. Thestudents also found a creative solution which helped them a lot to improve their learning together with the teacher.