

LEARNING READILY: HOW CAN LEARNING IN FLOW BE PROMOTED THROUGH WEB-BASED TRAINING?



**Robert Geisser
Felicitas Keefer, M.A.
Dr. Christian Schoenfelder**

AREVA GmbH, Germany

E-learning for company internal training

- The main purpose of company internal training is:
Develop competences, i.e. align them with
job position requirements
- Here, e-learning offers (e.g. cost) **benefits**: It can be used
only when needed, independent of time and location
- Thus, within **AREVA** e-learning is
a consolidated part of company internal training

- But the question is:

How to **support learning**
in Web-Based-Training
in an **optimal way**?

How to **learn**
easily and **successfully**?

How to learn easily and successfully?



We have to consider the learner's POV !

POV: Point of View

Learners' POV: State of flow important!

**To arrive in a state of flow,
7 basic states of mind have to be achieved:**

- 1. Being completely involved in what we are doing**
- 2. Feeling a sense of ecstasy**
- 3. Getting great inner clarity**
- 4. Knowing that the activity is doable**
- 5. Establishing a sense of serenity**
- 6. Staying timelessness**
- 7. Being intrinsically motivated**

What is flow?



What is flow?

→ concentration



What is flow?

→ immersion



What is flow?

→ easiness



Learner's POV: Construct your knowledge!

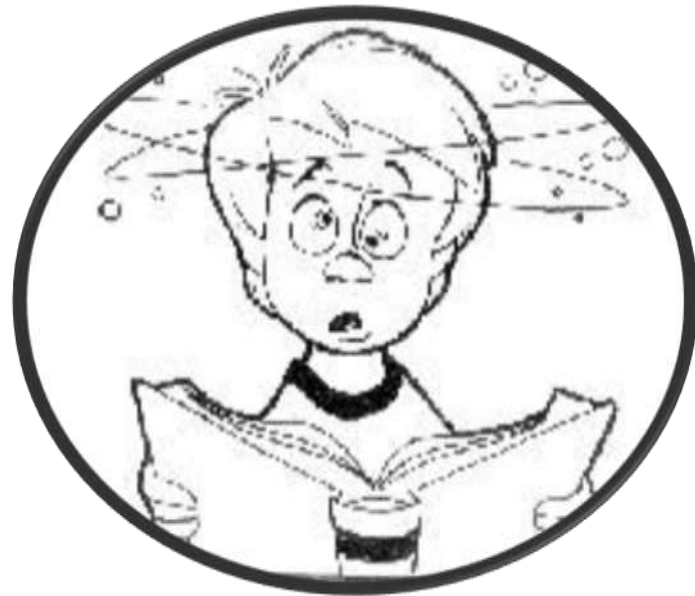
authentic
issues

adaptation
to individual
interests

decision-
making

Communication
and feedback

broad information
offered from different
perspectives



Criteria for checklist

Motivation:

- a) Is the topic based on everyday life and useful?
- b) Are avatars used, is a framework history provided or will the learner be addressed in any personal form?
- c) Can the WBT be adapted to the prerequisite knowledge and interests of the learner?

Activation:

- d) Are learning objectives specified at the start of WBT?
- e) Are interactive, game-like elements used such as quizzes, correlation tasks or puzzles?
- f) Is the WBT immediately ready for use: is further information or reading provided?

Concentration:

- g) Is the WBT clearly arranged?
- h) Does the WBT provoke suspense or is it immersive?

Communication:

- i) Is help provided for formal or content-related questions?
- j) Is a direct and extensive feedback provided, when working on problems,?
- k) Is synchronous communication provided for exchange with experts or other learners about the content?

Criteria for checklist /1/

Motivation:

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Activation:

- d) Are learning objectives specified at the start of WBT?
- e) Are interactive, game-like elements used such as quizzes, correlation tasks or puzzles?
- f) Is the WBT immediately ready for use: is further information or reading provided?

Concentration:

- g) Is the WBT clearly arranged?
- h) Does the WBT positively provoke excitement or is it immersive?

Communication:

- i) Is help provided for formal or content-related questions?
- j) When working with problems, is direct and extensive feedback provided?
- k) Is synchronous communication provided for exchange with experts or other learners about the content?

Quiz fulfills criteria?

Welches dieser Ziele ist Ihrer persönlichen Meinung nach das wichtigste?



Verbesserung der
Kostenstruktur



Höhere
Kundenzufriedenheit



Arbeitserleichterung

Bitte treffen Sie jetzt Ihre Wahl!



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- d) Are learning objectives specified at the start of WBT?
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Concentration:

- g) Is the WBT clearly arranged?
- h) Does the WBT positively provoke excitement or is it immersive?

Communication:

- i) Is help provided for formal or content-related questions?
- j) When working with problems, is direct and extensive feedback provided?
- k) Is synchronous communication provided for exchange with experts or other learners about the content?



Quiz fulfills criteria?

Eine Idee, von der wir alle profitieren



Criteria for checklist /3/

Motivation:

- a) Is the topic based on everyday life and useful?
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- c) Can the WBT be adapted to the prerequisite knowledge and interests of the learner?

Activation:

- d) Are learning objectives specified at the start of WBT?
- e) Are interactive, game-like elements used such as quizzes, correlation tasks or puzzles?
- f) Is the WBT immediately ready for use: is further information or reading provided?

Concentration:

- g) Is the WBT clearly arranged?
- h) Does the WBT positively provoke excitement or is it immersive?
- i) Is help provided for formal or content-related questions?

Communication:

- j) When working with problems, is direct and extensive feedback provided?
- k) Is synchronous communication provided for exchange with experts or other learners about the content?

**j) Is a direct and extensive feedback provided,
when working on problems?**

Quiz fulfills criteria?

What kind of valve is this?



Gate valve



Globe valve



Safety valve



Sorry, but that's incorrect.
Please try again.

Recommendations

- The **factors supporting learning** (see checklist) have to be considered **at an early stage** of training development
- The designer and developer must become **familiar** with them
- Criteria list **should be applied at the latest when designing training**

