



ICT ↔ ICT



*Information and Communications Technology Literacy through
Interactive, Collaborative Team Learning*

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VISION2LEAD
eLearning eCommunity eLeadership

Today's Agenda



1. *How are ICT literacy development and collaborative e-learning related?*
2. *What is ICT literacy? What is collaborative e-learning?*
3. *How can team projects build ICT literacy?*

***Workbook and Bibliography/Webliography at
http://www.vision2lead.com/IOC_Workbook.pdf***

BEYOND Today's Agenda



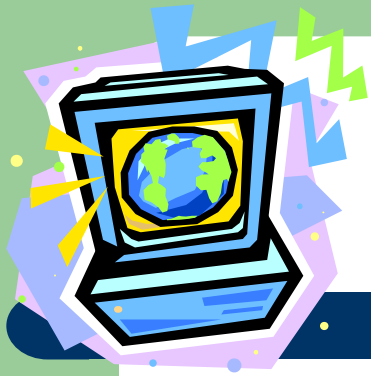
- *The discussion will continue asynchronously throughout the IOC conference.*
- *Visit my blog at <http://elearn2lead.blogspot.com/> for resources and news of other discussions or presentations on these topics.*

What is ICT Literacy?



- “Using digital technology, communications tools, and/or networks to access, manage, integrate, evaluate and create information *in order to function in a knowledge society.*”

(ETS, 2001)

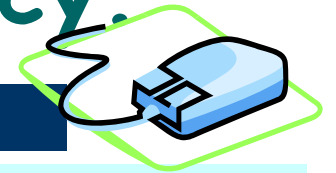


Why is ICT Literacy important?

- “The argument for technology literacy is fundamentally about providing citizens with the tools to *participate fully and confidently in the world around them.*”

(NAE, 2002)

ICT literacy: more than individual knowledge, skills or proficiency.



- "There's nothing more elemental than creating results. But its no longer possible to create positive results in isolation."

(Senge, 2003)

- "Collaboration is *the* critical competency for achieving and sustaining high performance—especially in the Internet Age!"

2002)

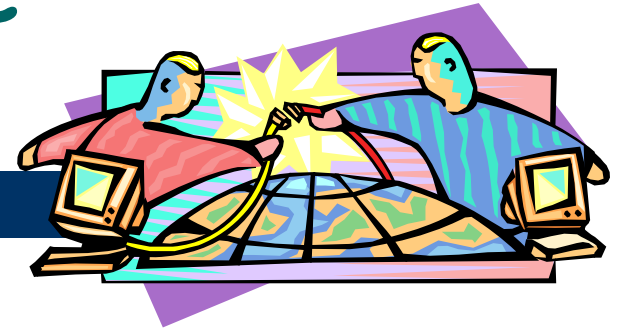
(Kouzes & Posner,

- "The so-called Information Revolution is, in reality, a Relationships Revolution."

(Hargrove, 2001)

What is “Collaborative E-Learning”?

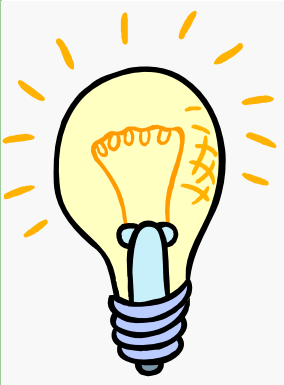
A working definition:



Collaborative e-learning means mutual engagement of two or more learners in a coordinated effort to construct knowledge, negotiate meanings and/or solve problems using Internet and electronic communications.

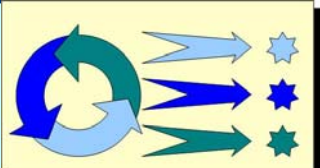
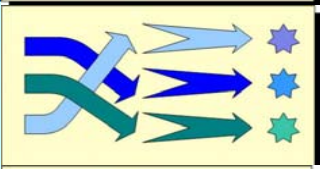
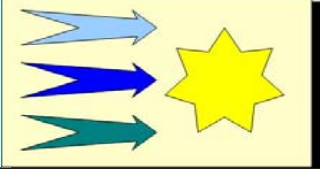
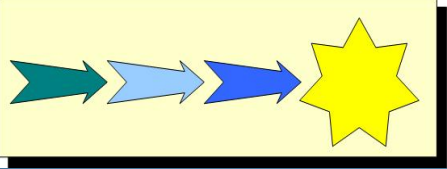
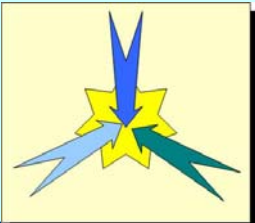
What are your ideas and experiences?

Let's start with a poll

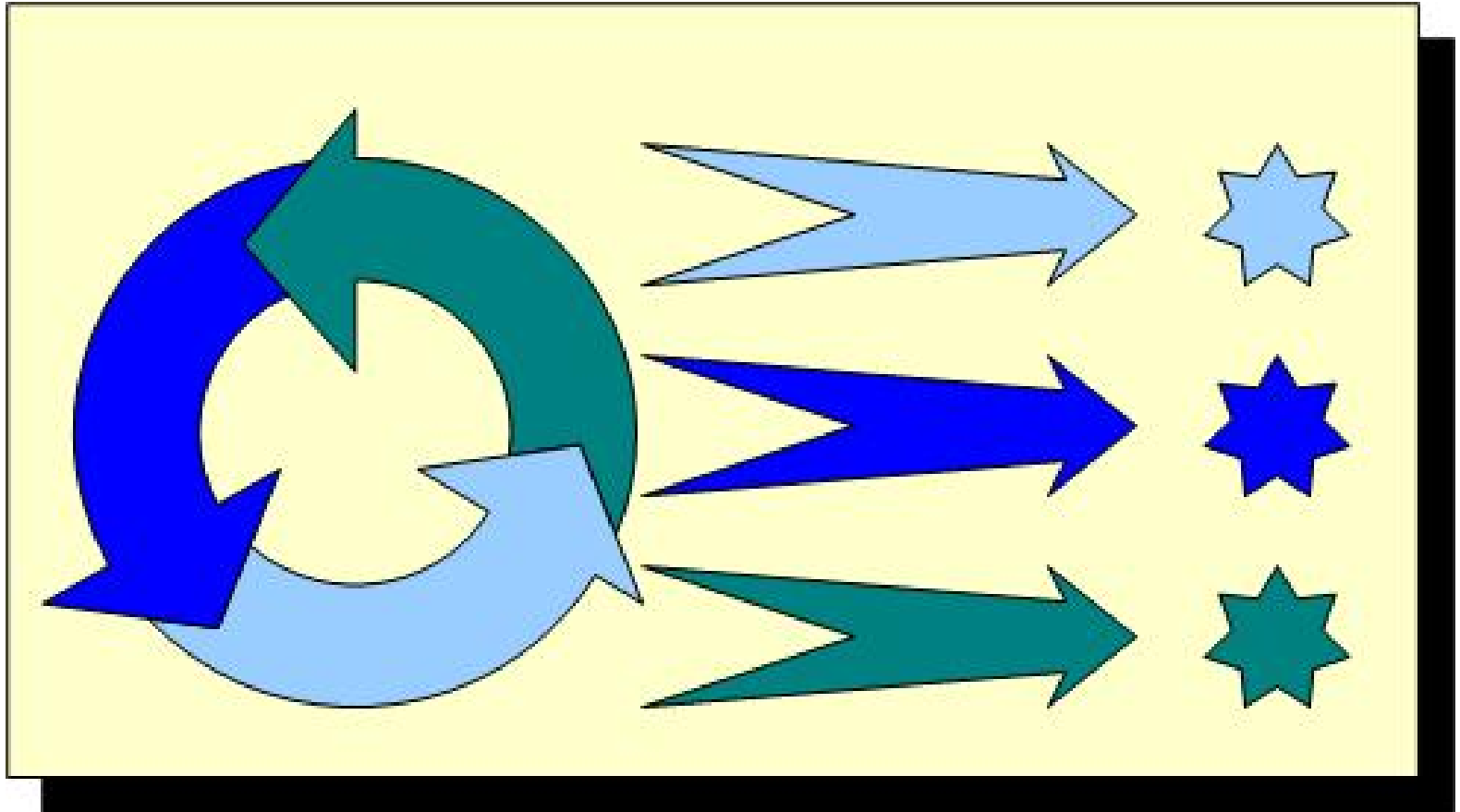


Do you create team e-learning activities to develop ICT literacy?

Let's look at 5 levels of collaboration & corresponding team e-learning activities!

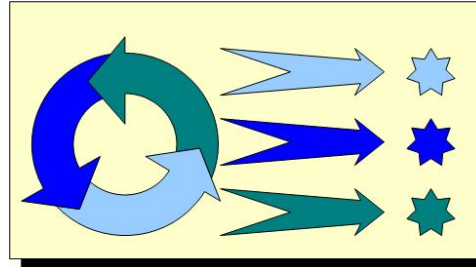
1. Dialogue	
2. Peer Review	
3. Parallel	
4. Sequential	
5. Synergistic	

Level of Collaboration 1: Dialogue



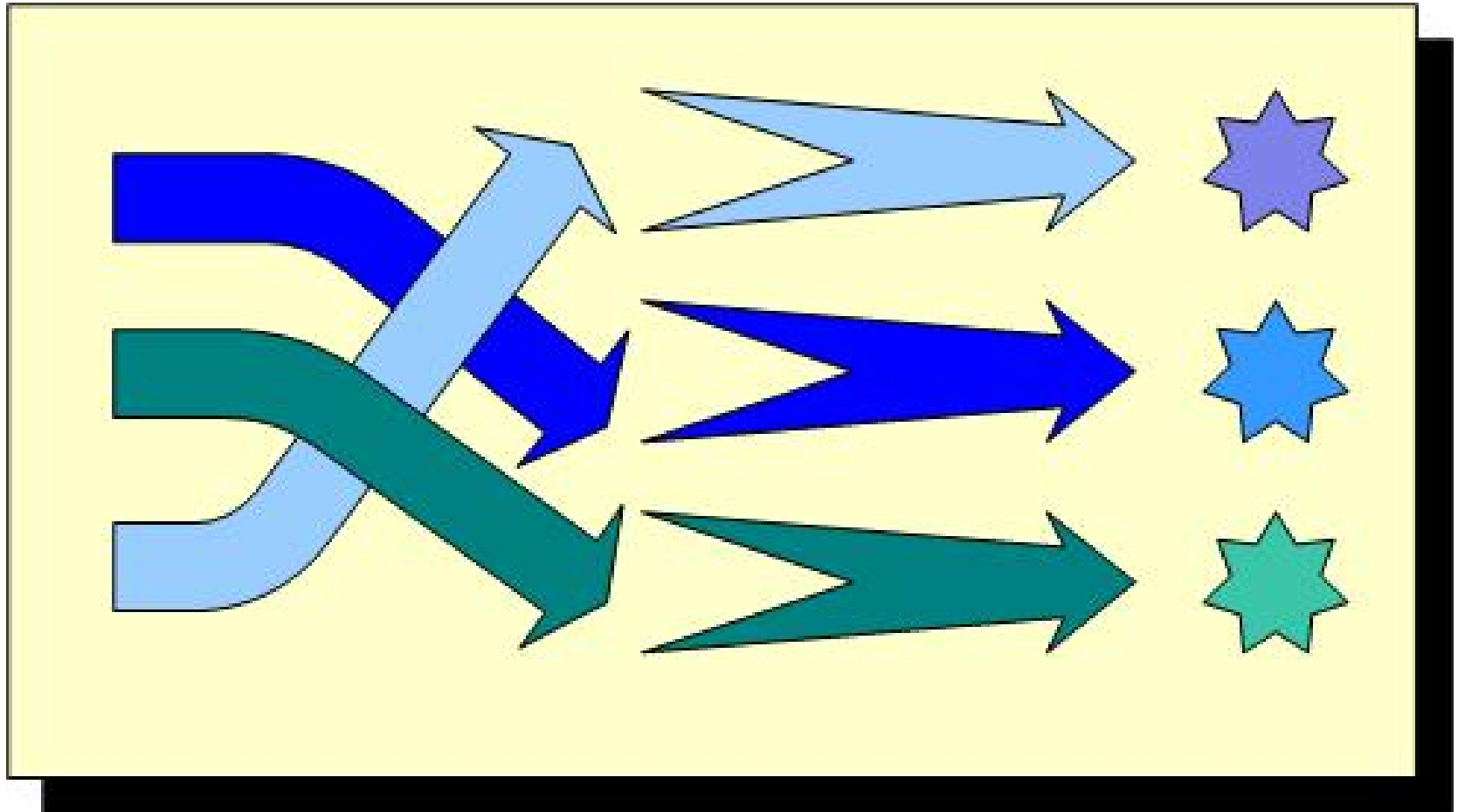
Learners exchange ideas in discussion
or share a learning experience.
Each completes an individual assignment.

Level of Collaboration 1: Dialogue



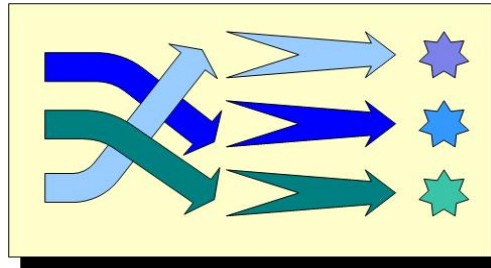
Team Learning Activities	ICT Literacy Skills

Level of Collaboration 2: Peer Review



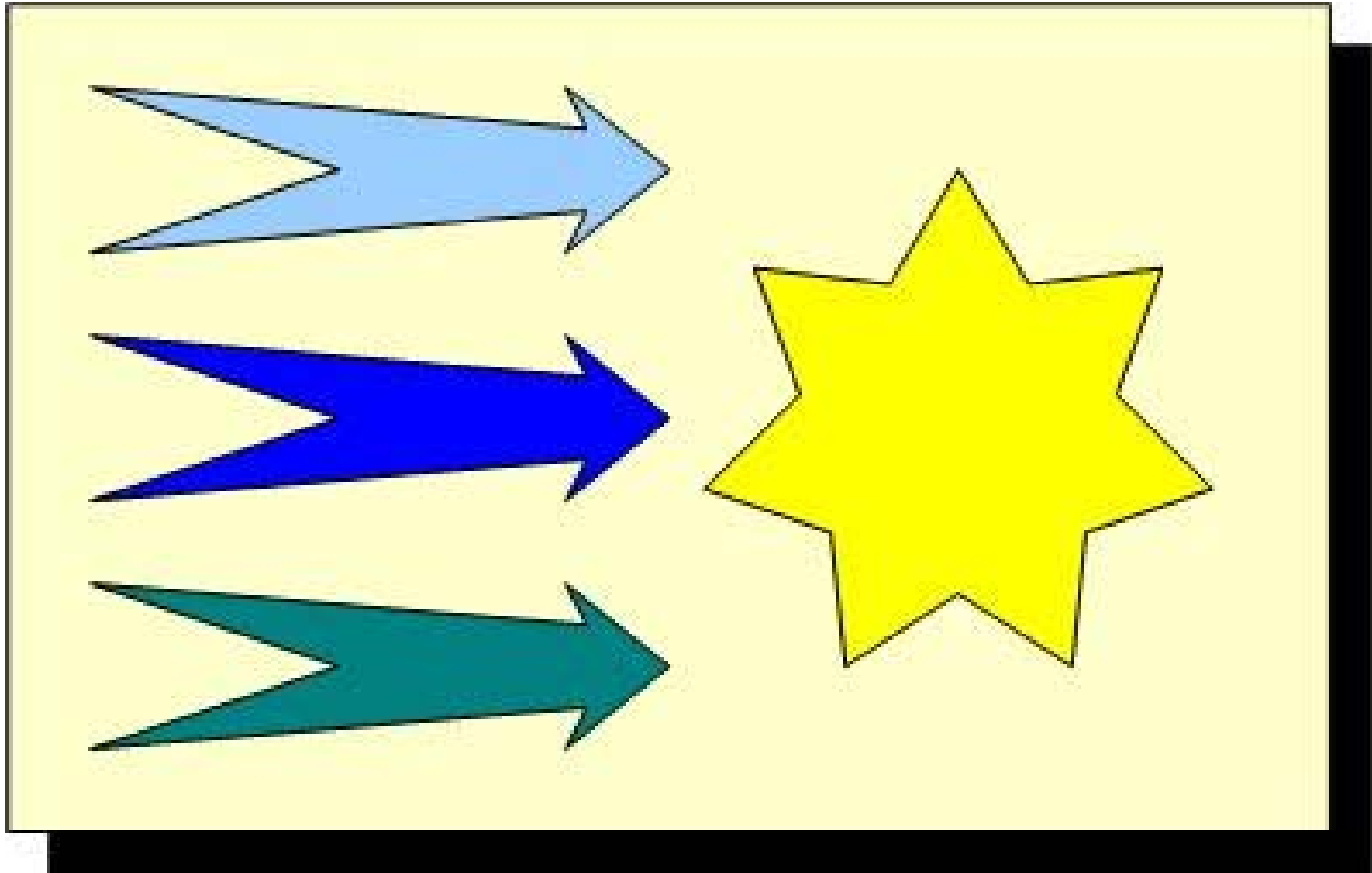
Learners exchange work for mutual critique and incorporate others' comments into individual assignments.

Level of Collaboration 2: Peer Review



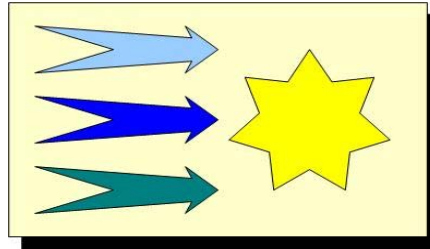
Team Learning Activities	ICT Literacy Skills

Level of Collaboration 3: Parallel



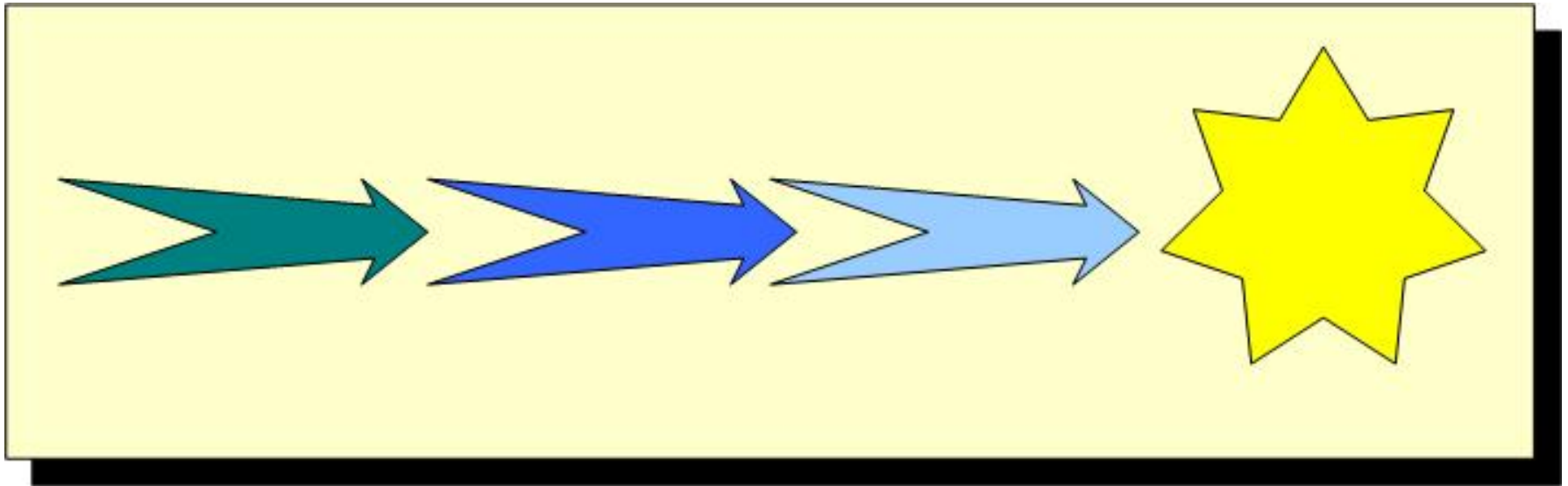
Learners each complete a component of an assignment, which is combined into a collective final product.

Level of Collaboration 3: Parallel



Team Learning Activities	ICT Literacy Skills

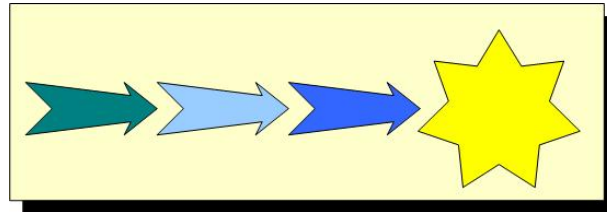
Level of Collaboration 4: Sequential



Each learner completes a component of an assignment,
building on other's contributions.

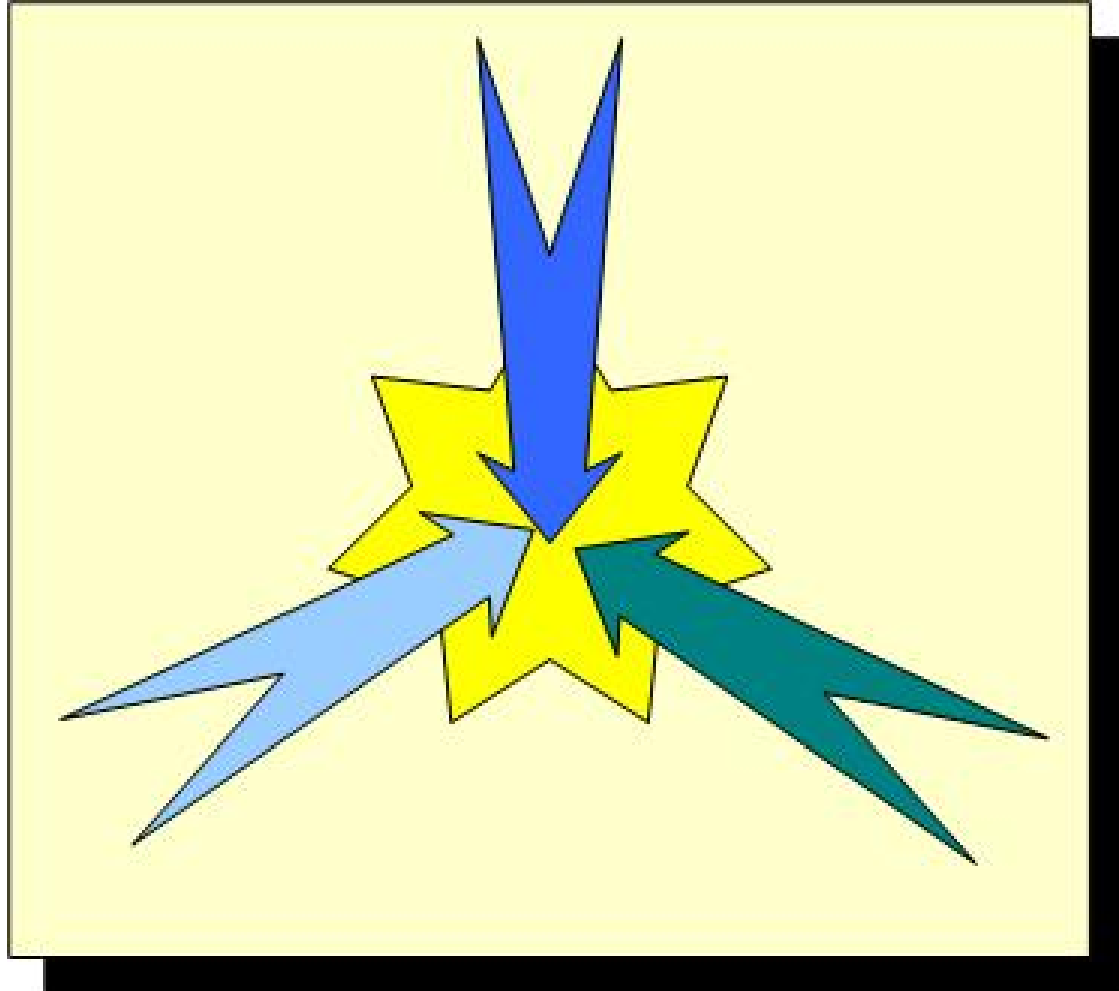
All are combined into a collective final product.

Level of Collaboration 4: Sequential



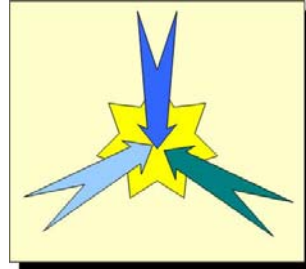
Team Learning Activities	ICT Literacy Skills

Level of Collaboration 5: Synergistic



Learners collaborate fully in creation of a product that meshes each one's contributions into a whole.

Level of Collaboration 5: Synergistic



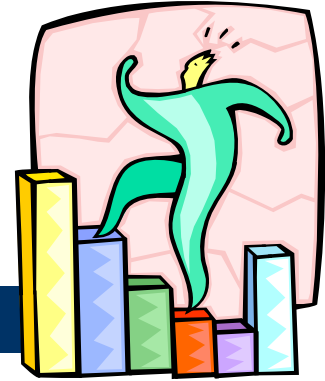
Team Learning Activities	ICT Literacy Skills

ICT Literacy & Collaborative E-Learning

So learners gain online experience in:

- Planning & organizing team projects.
- Accessing, analyzing & sharing information within teams.
- Communicating complex concepts.
- Solving problems & resolving team conflicts.
- Using participatory decision-making.
- Creating innovative approaches that integrate multiple perspectives.
- Using new & emerging ICT tools.
- Building trust across distances & cultures.

Next steps?



Are you interested in continuing the dialogue?

- *The discussion will continue asynchronously throughout the IOC conference.*
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References

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