

Understanding the Practical Consequences of Metabolic Interactions...

Reviewer 1

Reviewers were asked to rate each of the following evaluation items. The results below show their ratings ranging from the lowest of one star (★= Strongly Disagree) to the most favorable rating of 5 stars (★★★★★=Strongly Agree).

Interface Design

1. The navigation system is easy to use.	★★★★★
2. The information, graphics, etc. are uncluttered.	★★★★★
3. The Learning Object uses highly readable colours, fonts and text sizes.	★★★★★
Average Rating for The Interface Design*	★★★★★
4. General Comments about the Interface Design (Optional):	

Usability

5. The Learning Object is free of spelling/ grammar errors.	★★
6. The Learning Object is free of informational errors.	★★★★★
7. The content of this Learning Object is up-to-date.	★★★★★
8. Manipulating and entering content into the Learning Object is straightforward.	★★★★★
9. The Learning Object has a clear set of instructions which support the user's needs well.	★★★★
10. The content is well organized and all information can be easily located.	★★★★★
Average Rating for The Quality of Content*	★★★½
11. Comments about the Content (Optional):	

Learning Potential

12. The Learning Object could aid students' understanding of concepts, models, and skills within the topic area.	★★★★★
13. Learners are required to use the Learning Object in an interactive way.	★★★★★
14. The Learning Object provides the learner with appropriate and useful feedback.	★★★★★
15. The learning object could be easily grouped into larger collections of content, including traditional course structures.	★★★★★
Average Rating for The Learning Potential*	★★★★★¼
16. Comments about the Learning Potential (Optional):	

Quality of the LRC Record

17. Clear information regarding how to obtain a copy of the Learning Object is given within the LRC Record.	★★★★
18. The educational aims/goals are well described in the LRC.	★★★★
19. The educational level is clearly identified in the LRC record.	★★★★
20. The author has given enough information in the record for users to effectively and efficiently use the Learning Object.	★★★★
21. Overall, the information given in the LRC record accurately matches the Learning Object.	★★★★
Average Rating for The Quality of the LRC Record*	★★★
22. Comments about the Resource Record (Optional):	

General Comments

23. General Comments about the Learning Object (Optional):	
Average Overall Rating*	★★★¾

*Rounded to the nearest 0.25

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Reviewer 2

Reviewers were asked to rate each of the following evaluation items. The results below show their ratings ranging from the lowest of one star (★= Strongly Disagree) to the most favorable rating of 5 stars (★★★★★=Strongly Agree).

Interface Design

1. The navigation system is easy to use.	★★★★★
2. The information, graphics, etc. are uncluttered.	★★★★★
3. The Learning Object uses highly readable colours, fonts and text sizes.	★★★★★
Average Rating for The Interface Design*	★★★★★

4. General Comments about the Interface Design (Optional):
The graphic interface for screen view is good; but it is difficult to print the result pages "Biosynthesis" and "Energy Generation/Balance". It is always on several A4 pages, you may think of a function to scale the print output.

Usability

5. The Learning Object is free of spelling/ grammar errors.	★★★★★
6. The Learning Object is free of informational errors.	★★★★★
7. The content of this Learning Object is up-to-date.	★★★★★
8. Manipulating and entering content into the Learning Object is straightforward.	★★★★★
9. The Learning Object has a clear set of instructions which support the user's needs well.	★★★★
10. The content is well organized and all information can be easily located.	★★★★
Average Rating for The Quality of Content*	★★★★ ^{3/4}

11. Comments about the Content (Optional):
Please provide more information at an easy to navigate place about the specification of result type (Input data "2. Specify type of result"). It is not immediately clear for which problem the user should choose which result type. However, I understand this is also a part of the learning process.

Learning Potential

12. The Learning Object could aid students' understanding of concepts, models, and skills within the topic area.	★★★★★
13. Learners are required to use the Learning Object in an interactive way.	★★★★★
14. The Learning Object provides the learner with appropriate and useful feedback.	★★★★
15. The learning object could be easily grouped into larger collections of content, including traditional course structures.	★★★★★
Average Rating for The Learning Potential*	★★★★ ^{3/4}

16. Comments about the Learning Potential (Optional):
The software can highlight values with an % change larger than a specified number, this is a very useful tool. It may be good to provide also the actual total difference in brackets after the calculated value or to provide such total differences in another result data set.

Quality of the LRC Record

17. Clear information regarding how to obtain a copy of the Learning Object is given within the LRC Record.	★★★★★
18. The educational aims/goals are well described in the LRC.	★★★★★
19. The educational level is clearly identified in the LRC record.	★★★★
20. The author has given enough information in the record for users to effectively and efficiently use the Learning Object.	★★★
21. Overall, the information given in the LRC record accurately matches the Learning Object.	★★★★
Average Rating for The Quality of the LRC Record*	★★★★ ^{1/4}

22. Comments about the Resource Record (Optional):
All fine, but don't understand the limitation of the end user age group to 18-25? The software is useful for teaching (UG and PG) and research purpose. Age group should not be capped at 25 years. You may add to the description that the software provides a "quantitative" approach to cell metabolism.

General Comments

23. General Comments about the Learning Object (Optional):

Average Overall Rating*	★★★★ ^{1/2}
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*Rounded to the nearest 0.25

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Reviewer 3

Reviewers were asked to rate each of the following evaluation items. The results below show their ratings ranging from the lowest of one star (★= Strongly Disagree) to the most favorable rating of 5 stars (★★★★★=Strongly Agree).

Interface Design

1. The navigation system is easy to use.	★★★★★
2. The information, graphics, etc. are uncluttered.	★★★★★
3. The Learning Object uses highly readable colours, fonts and text sizes.	★★★★★
Average Rating for The Interface Design*	★★★★★
4. General Comments about the Interface Design (Optional):	

Usability

5. The Learning Object is free of spelling/ grammar errors.	★★★★★
6. The Learning Object is free of informational errors.	★★★★★
7. The content of this Learning Object is up-to-date.	★★★★★
8. Manipulating and entering content into the Learning Object is straightforward.	★★★★★
9. The Learning Object has a clear set of instructions which support the user's needs well.	★★★★★
10. The content is well organized and all information can be easily located.	★★★★★
Average Rating for The Quality of Content*	★★★★★
11. Comments about the Content (Optional):	

Learning Potential

12. The Learning Object could aid students' understanding of concepts, models, and skills within the topic area.	★★★★★★
13. Learners are required to use the Learning Object in an interactive way.	★★★★★
14. The Learning Object provides the learner with appropriate and useful feedback.	★★★★
15. The learning object could be easily grouped into larger collections of content, including traditional course structures.	★★★★★
Average Rating for The Learning Potential*	★★★★★
16. Comments about the Learning Potential (Optional):	

Quality of the LRC Record

17. Clear information regarding how to obtain a copy of the Learning Object is given within the LRC Record.	★★★★★
18. The educational aims/goals are well described in the LRC.	★★★★
19. The educational level is clearly identified in the LRC record.	★★★★★
20. The author has given enough information in the record for users to effectively and efficiently use the Learning Object.	★★★★★
21. Overall, the information given in the LRC record accurately matches the Learning Object.	★★★★★
Average Rating for The Quality of the LRC Record*	★★★★ ^{3/4}
22. Comments about the Resource Record (Optional):	

General Comments

23. General Comments about the Learning Object (Optional):	
Average Overall Rating*	★★★★★

*Rounded to the nearest 0.25

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Reviewer 4

Reviewers were asked to rate each of the following evaluation items. The results below show their ratings ranging from the lowest of one star (★= Strongly Disagree) to the most favorable rating of 5 stars (★★★★★=Strongly Agree).

Interface Design

1. The navigation system is easy to use.	★★★★★
2. The information, graphics, etc. are uncluttered.	★★★★★
3. The Learning Object uses highly readable colours, fonts and text sizes.	★★★★★
Average Rating for The Interface Design*	★★★★★ ^{1/4}
4. General Comments about the Interface Design (Optional):	

Usability

5. The Learning Object is free of spelling/ grammar errors.	★★★★★
6. The Learning Object is free of informational errors.	★★★★★
7. The content of this Learning Object is up-to-date.	★★★★★
8. Manipulating and entering content into the Learning Object is straightforward.	★★★★★
9. The Learning Object has a clear set of instructions which support the user's needs well.	★★★★★
10. The content is well organized and all information can be easily located.	★★★★★
Average Rating for The Quality of Content*	★★★★★ ^{1/4}
11. Comments about the Content (Optional):	

Learning Potential

12. The Learning Object could aid students' understanding of concepts, models, and skills within the topic area.	★★★★★
13. Learners are required to use the Learning Object in an interactive way.	★★★★★
14. The Learning Object provides the learner with appropriate and useful feedback.	★★★★★
15. The learning object could be easily grouped into larger collections of content, including traditional course structures.	★★★★★
Average Rating for The Learning Potential*	★★★★★ ^{1/4}
16. Comments about the Learning Potential (Optional):	

Quality of the LRC Record

17. Clear information regarding how to obtain a copy of the Learning Object is given within the LRC Record.	★★★★★
18. The educational aims/goals are well described in the LRC.	★★★★★
19. The educational level is clearly identified in the LRC record.	★★★★★
20. The author has given enough information in the record for users to effectively and efficiently use the Learning Object.	★★★★★
21. Overall, the information given in the LRC record accurately matches the Learning Object.	★★★★★
Average Rating for The Quality of the LRC Record*	★★★★★
22. Comments about the Resource Record (Optional):	

General Comments

23. General Comments about the Learning Object (Optional):	
Average Overall Rating*	★★★★★ ^{1/4}

*Rounded to the nearest 0.25