

Worksheet Session 3

Activity – Introduction to Educational Resources on the Server (Portal)

Critical Review of the Resources

In this exercise you are required to exercise your skills in browsing and searching.

Instructions:

1. Log on to the **Portal** and select **Educational Resources**
2. Under **Open and Free Educational Resources**, select **Local/Open Free Educational Resources** and **Enter**
3. This will open the **RACHEL** collections (including “More Content”)
4. Follow the worksheet questions below to review the resources and answer some questions about each.
5. Write any notes and answers in your exercise book. You will need these when it comes to the reflection exercise.

6. Now repeat the exercise using the **Vanuatu Educational Resources**. Note that these are stored in **OwnCloud**. You should log in with the **student** account to see the **Vanuatu Educational Materials** and the **teacher** account to see the **National syllabus and curriculum resources**.
7. Write notes in the exercise book provided.

Please wear your headsets to listen to any multimedia resources!

1. Wikipedia

The Wikipedia collection takes thousands of articles from the online Wikipedia selected for suitability for K-12 education, and makes them available conveniently on the server (offline).

Browse the collection for information about the Maori people (hint: Geography > People). Have a quick look through the page and find something about the Maori people that you did not know.

Think of a lesson you will be teaching when you return to your school. Search through the Wikipedia for some information that might help you with that lesson.

- In what ways could this resource be used as part of a teaching or learning activity, for instance in the classroom or as a resource for an assignment?
- Which age groups is it suitable for?
- How is the offline Wikipedia different from the online Wikipedia?

2. Khan Academy

These short videos were started by a student who wanted to help a friend by filming lessons so that they could view them again later for revision. It became so popular the Khan Academy was started.

These videos can be used in several ways:

- shown to the whole class with a projector
- students access in own time to revise a subject
- teachers can view them to improve subject knowledge

Search through the collection and identify a few videos suitable for particular teaching areas (subjects) and age groups. Write them down in your notes.

3. MedlinePlus Medical Encyclopaedia

Search or browse this resource for information about DEHYDRATION. Write down 4 symptoms of dehydration.

- Now design a search activity (as above) for your senior students concerning studies related to health.
- Does your school have a medical officer? Are there health workers in your community who might find this resource useful? How can you ensure they are able to access these resources?

4. Hesperian Health Guides

Review the resource entitled “When there is no dentist”. Who is this booklet intended for? (see page 7). How could you use this as a teaching resource?

- These guides are “people centred”. They are designed to help communities to learn themselves about important health issues. Identify interest groups in the community who may find some of this collection useful. These may include vocational or rural training centres, churches, women’s and youth organisations, business and local entrepreneurs, microprojects.

See also the collection **Practical Action**.

5. Infonet-Biovision

This collection is focusing on environmental information, including agriculture.

- Search for any useful information linked to the curriculum on agriculture that might be useful lesson resources.
- Review the resource on “Healthy Food”. What health benefits does FOLIC ACID have? Which are the best folic acid food sources?

Now search Google Play (on an Android tablet) for “Pacific Pests and Pathogens”. This is a free app.

6. Great Books of the World

Browse through the books and find some suitable for age groups that you teach. Make a note of them. Consider how you might manage the class or students in their own time to have access to read the books.

See also : those schools participating in the Tablets For Schools component of the UAP can also compare the free ebooks that TRR has made available (you can find them with the Aldiko Book Reader app).

7. CK-12 Foundation - text Books

This resource has high quality PDF textbooks on STEM (Science, Technology, Engineering and Math).

The CK-12 Foundation is a US-based non-profit organization whose stated mission is to reduce the cost of, and increase access to, K-12 education in the United States and worldwide. CK-12 provides free and fully customizable K-

12 open educational resources aligned to state curriculum standards and tailored to meet student and teacher needs. The foundation's tools are used by 38,000 schools in the US, and additional international schools.

The Portal has many examples of text books and workbooks available for STEM subjects. Browse through them and identify any that are suitable for the age groups and subjects you teach. You may find the workbooks useful in preparing student activities and tests. Likewise, student access to these materials will help them revise and do self-study – especially if you can guide them and explain which resources are suitable for their courses.

As these are OERs, consider using some of the examples are revising them to better meet the use of your students!

8. UNESCO's IICBA Electronic Library

Look through any of these excellent teachers' resources from the UNESCO International Institute for Capacity Building in Africa. They come in the format starting with background information on the subject and teaching methodology, followed by really useful examples of lesson plans that you can borrow and use yourself, or adapt them as required! (Please remember to try and share you own as well!)

See if you can find a lesson plan that you can easily use or adapt to your own teaching, or if you are not teaching those subjects, you may still find the teaching methods and lesson plan activities useful.

Make a note in your exercise book.

9. Maths Expression

If you teach Maths you will find these resources excellent.

Have a look at Topics > Fractions > Equivalent Fractions, view the video and try the practice questions.

Also, if you are a student you will find them helpful. It is up to the teachers to ensure students can locate these resources and have time for self learning and revision.

10. More Content : E-Learning For Kids

Under the link "More Content" we have added the E-Learning for Kids collections. These are animated interactive learning objects, with collections arranged by Grade level and subject, and there is also significant content available in French.

Browse through and try them. If you are in the TFS group, you need to view these with the Dolphin Browser with Flash support enabled. We will show you how to set this up in the Session 4.

Consider how you would use these resources in class (ie. with tablets) or computer lab.

11. More Content : SPC

The Secretariat of the Pacific Community has collected together a vast amount of educational resources produced by regional organisations targeted at schools, mostly in the form of PDF documents,

This is a significant source of relevant resources that are contextualised for Pacific islands. They are often themed around priority curriculum areas such as climate change, health education.

Browse through and make a note of the categories and contents, and identify any useful for your teaching.

12. More Content : UNESCO ASEAN SchoolNet 2005 and 2008 collections

These collections are animated Flash or Java (and some PowerPoint slideshows). They are excellent for projecting to the full class.

13. Vanuatu Educational Content

See also the Local Educational Content section of the portal for **Vanuatu Teacher and Student books**, and the **Vanuatu Syllabus and Curriculum**.

Reflection Activity

You are asked to form groups of about 4-5 to reflect critically on the resources you have been reviewing.

1. Were there any highlights or resources of particular interest? Prepare some brief feedback to present to the others.
2. Think of a lesson idea that uses one or more of the resources. It could concern lesson preparation; for full class viewing with a projector; for students to access individually during class or as an assignment. Explain how you will manage the learning environment, arrange the classroom and manage the ICTs.

Self Assessment Activity

Now please complete the Self-Assessment (look in the Training Module)

Thank You!