

## Module 5 - Teaching competences and values

Guidance material	5.5.1 Teaching Digital Competence Grade 1-6
What is the purpose of this material?	<ul style="list-style-type: none"> <li>This is a selection of teaching strategies and teaching templates to support the teaching of digital competence</li> </ul>
When to use this material?	<ul style="list-style-type: none"> <li>When introducing the competences to teachers to support them in implementing this competence in their class programme.</li> </ul>
With whom to use this material?	<ul style="list-style-type: none"> <li>Teachers</li> </ul>
Have you considered these materials first?	<ul style="list-style-type: none"> <li>Introduce teachers to the SCF through: <ul style="list-style-type: none"> <li>1.1 What is the SCF?</li> <li>1.2 Structure of the SCF</li> <li>1.3 Definitions matching activity</li> <li>1.4 Prior knowledge brainstorm activity</li> <li>1.5 Close reading – Executive summary</li> <li>1.6 Close reading – Framework Requirements and Exemplifications</li> </ul> </li> <li>4.1 What are competences?</li> <li>Introduce teachers to this competence through: <ul style="list-style-type: none"> <li>4.1.5 What is Digital Competence?</li> </ul> </li> </ul>
How to use this material?	<ul style="list-style-type: none"> <li>This resource can be used in a range of ways, for example: <ul style="list-style-type: none"> <li>Share with teachers and discuss it in staff meetings or team meetings.</li> <li>Encourage teachers to plan using the ideas in this resource.</li> <li>Encourage teachers to adapt the teaching strategies and templates below to meet their grade level, curriculum area and student's needs.</li> <li>Discuss the ideas and then ask teachers to share their own ideas for teaching this competence.</li> </ul> </li> <li>For more information on each competence read the <i>Framework Requirements &amp; Exemplifications</i> section of the <i>Abu Dhabi Education Council Student Competence Framework (SCF) for Private Schools - Competences for Abu Dhabi's 21st Century Learners (2014)</i>.</li> <li>Note: All websites were checked at the time this guidance material was created. Any website used in an educational context should be checked for accuracy and appropriate content. Links to other websites from this material should not be taken as endorsement of those sites or of content/products offered on those sites</li> </ul>
What resources or equipment are needed?	<ul style="list-style-type: none"> <li>Copies of the <i>Framework Requirements &amp; Exemplifications</i> section of the <i>ADEC SCF for Private Schools (2014)</i>.</li> </ul>

## Teaching Digital Competence Grade 1-6

Here are some strategies and teaching approaches to try in your classroom to promote digital competence:

- Digitally competent learners at this stage effectively use a number of information and communication technologies in their learning environment and select information from a relevant number of digital sources.
- Provide opportunities for using ICT when it enhances learning; remember digital competence is now a basic skill.
- Allow more technologically skilled students to mentor other students in this area.
- Model the way to ascertain the reliability of online information for students.
- Provide opportunities for online collaboration.
- Allow students to present information they have found in appropriate ways using digital tools.
- Use age appropriate applications to create artefacts which demonstrate their knowledge and understanding.
- Students are asked to research how information is presented in multiple mediums and summarise and present their findings.
- Provide the opportunity for children to take photos and record their learning
- Use ICT in real world ways, e.g. email a friend who has moved overseas; write a letter as a class to invite a guest speaker, create invitation cards for a class party
- Point out how technology is used in everyday life
- Provide recording devices for children to record their own words or to listen to stories

### Two key things to remember:

1. As the teacher you don't have to be a master of technology, nor do you have to understand everything students can do with technology. It is about providing the opportunities.
2. It is important that students understand that any digital device is treated as a learning tool. Every digital activity undertaken is to improve students learning outcomes.

### SCF Pilot School Case Study

#### Blooms action verbs

SCF Pilot School

Bright Riders Private School



Many teachers are familiar with the [Blooms Taxonomy Action Verbs wheel](#), but Bright Riders Private School have taken this tool one step further. They have reorganised the action verbs into the SCF competences. Teachers use the action verbs when writing their learning outcomes. They start their learning outcome with an action verb that matches the major competence they and their students are focussing on.

#### Blooms action verbs for: Digital competence

e.g. By the end of this lesson students will be able to **present** their own poems using a range of information and communication technologies.

#### Action verbs:

Access	Respond	Explain	Act
Select	Relate	Examine	Show
Explore	Develop	Compose	Connect
Design	Organise	Adapt	Work
Discover	Justify	Generate	Demonstrate
Recognise	Plan	Create	State
Solve	Create	Construct	Invent
Invent	Evaluate	Manage	Present
Review	Use	Consider	Recognise

- Establish the rules/expectations in computer labs.
- You can have the whole class doing the same activity at their level – or individual or groups of students completing different tasks.
- Turn off monitors or close lids or put device upside down for better discussion and attention



- Remember copyright rules and encourage students to use free image sites



[Pixabay](https://pixabay.com)

- Use a range of sites and online resources to give you new ideas and students the opportunity to use a digital device.



[www.readwritethink.org](http://www.readwritethink.org)

- Try to encourage original work. Teach students about copyright



[www.cyberbee.com](http://www.cyberbee.com)

- Encourage collaboration. There are a number of 21<sup>st</sup> century tools that can assist with this such as Google apps, Blogger and Edmodo.
- Teach others how to write effective comments on other's digital work.



<http://bit.ly/1jXmpM5>

- Not everything we read online is true. Teach students how to evaluate a website and how to effectively search for information.



[How to search on Google](#)