**About the technology required to make the products and run the business**

*Glossary of Terms: Back Up strategies, RAID, Internet Service Provider (ISP), Domain Name, IP address*

Identification of the technology and a look at the specifications/models required. Imagine you are setting up your own studio.

1. Research and identify models that you would purchase for each of the following:

* 2 Computers with high resolution monitors for photography and video
* 1 laptop for visiting customers
* Scanner
* Photo quality printer
* High end digital camera and digital video camera
* Software for video and photography, web design, DTP
* Small work network with server and RAID back up system
* Internet access
* Spreadsheet for managing the finances

1. Create a network diagram on how you would connect all the different hardware within the business Foto Creativita. Upload a copy of this diagram.
2. The Role of an Internet Service Provider
   1. **Visit Telbru or DST’s (ISP) Website** to find out the services and features offered by web hosting companies –
   2. Describe the different services and support that both companies would offer if you were to host a website with them.
   3. Which company would you choose and why? your website?
   4. When having an online business you will need to choose a domain name. Create a domain name for Carmen’s company.
   5. Carmen’s website will need a fixed IP address. What is meant by the term IP address and why does it need to be fixed?
   6. Describe how the domain name system converts the URL typed by a customer into the IP Address of Carmen’s web server.

**The products of Foto Creativa**

* Digital photographs
* Editing and managing Videos
* Digital photo products e.g. stitching photos, making albums
* Creating multimedia presentations

1. In order to make the products above, describe the type of commercial software that you would recommend to have installed.
2. Describe the hardware and software requirements for backing up these products. You must explain what a RAID back-up system is.
3. Explore Photo Editing Software, you can compare the Mac Software IPhoto with PC software.
4. Explore the software to make these products
5. (Optional) Visit to the Co that makes personalized books using Mac IPhoto