

Design and Technology is a subject currently assessed towards the Solomon Islands School Certificate (SISC) certification at the end of form 5. It is assessed in two parts. The School Based Assessment (SBA) and External Exam.

1. School Based Assessment (SBA) - *70% of the final marks*
2. External Exam - *30% of the final marks*

This prescription is the approved details for the School Based Assessment (SBA) part. There are two projects in this part. Project 1 should be made from timber material. Project 2 is an optional task as explain below. The final part of the SBA is the Common Assessment Task (CAT). CAT is a design task.

### **Project 1** - *50% of the final marks*

Below is the approved list of major project timber joints for 2017. These timber joints through finish products will be assessed in September - October 2018.

1. Compulsory Joint – Multiple Widening
2. \*Optional Joint 1 – (a) Common/Multiple dovetail  
(b) Mortise and Tenon
3. \*\*Optional Joint 2 – (a) Mitre Joint  
(b) Housing Joints  
(c) Rebate Joint  
(d) Halving Joints

Note:

\* Choice only one joint from the two given.

\*\* Choice only one joint from the four given.

Remember these optional joints should be visible on project 1.

It should be noted that Design and Technology SBA is compulsory. It weighs 70% towards the SISC grade. Therefore, it is adviceable that your students should start the projects (with your help) in form 4. Refer to the Design and Technology Handbook for detail advice.

## **Project 2 - 10% of the final marks**

Project two can be made from any of these following key learning areas. Teachers should consult the learners and their administration on how best to implement their choices. It is recommended that each learner should do only ONE practical from the option given below.

1. Sheet metal
2. Metal fabrication
3. Plastics
4. Electronics

## **Common Assessment Task - 10% of the final marks**

This is a technical drawing paper. It assesses the orthogonal projection skills. It should be done for These paper will be sent out sometimes in the third quarter of the academic year to all form 5 teachers through their respective principals.

## **Reminder**

1. The Design Technology subhect is a two years program. Teachers should organize themselves to start their projects in form four and complete them in form five. Design Technology is a practical subject and should be taught and emphasized as stated. The assessment weighting of this subject is reflected in its practical nature; therefore 60% of the final mark is given to the SISC practical Exam, 10% of the final mark for the CAT and 30% of the final mark is for the theoretical Exam.

2. It should be noted that Design and Technology SBA is compulsory. It weighs 70% towards the final SISC grade. Therefore, it is adviceable that your students should start the projects (with your help) in form 4. Refer to the Design and Technology Handbook for detail advice.