

THE PRIORY ACADEMY

**LSST**

Sixth Form Induction Day

BTEC Level 3 Information Technology  
Taster Session



# Starter activity – from Unit 2 Practical Exam

## Task Scenario

You have been asked to create a database for Smart Art.

The company runs exhibitions in art galleries.

Galleries are either combo or commercial.

A combo gallery is a gallery in the premises of another company. For example a furniture store that displays the art.

Artists show their work at exhibitions in the galleries.

The database will record information about:

- galleries
- artists
- exhibitions.



# Starter activity – Unit 2 Practical Exam

Exhibition ID	Num Days	Artist ID	Gallery	Artist Surname	Gallery ID	Gallery Type ID	Artist Initial	Gallery Type	Exhibition Start Date	Predicted Sales
1	7	7	Kingdom Works	Magyar	7	1	P	Commercial	05/12/2020	£3695.00
2	4	1	Hauser & Bodega	Andreasson	6	1	Q	Commercial	14/12/2020	£1112.00
3	4	3	Neue Brand Haus	Coumans	2	1	H	Commercial	20/12/2020	£3639.00
4	3	6	Brand Arts	Fuentes	4	1	P	Commercial	26/12/2020	£1955.00
5	10	2	Neu Gallery	Atteberry	5	1	J	Commercial	31/12/2020	£2093.00
6	5	4	Decadent Furniture	Robinson	1	2	J	Combo	12/01/2021	£1612.00
7	5	2	Neue Brand Haus	Atteberry	2	1	J	Commercial	19/01/2021	£3427.00
8	4	3	Neu Gallery	Coumans	5	1	H	Commercial	26/01/2021	£3705.00
9	3	2	Brand Arts	Atteberry	4	1	J	Commercial	01/02/2021	£3071.00
10	8	6	Hauser & Bodega	Fuentes	6	1	P	Commercial	06/02/2021	£2042.00

Use normalisation techniques to create a relational database structure based on the data above that minimises duplication and eliminates inconsistency.



# The bigger picture!

## Key

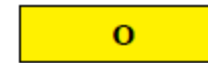


Unit assessed externally



M

Mandatory units



O

Optional units

Unit (number and title)	Unit size (GLH)	Certificate (180 GLH)	Extended Certificate (360 GLH)	Foundation Diploma (510 GLH)
Y13 1 Information Technology Systems	120		M	M
Y12 2 Creating Systems to Manage Information	90	M	M	M
Y12 3 Using Social Media in Business	90	M	M	M
4 Programming	90			M
5 Data Modelling	60		O	O
Y13 6 Website Development	60		O	O
7 Mobile Apps Development	60			O
8 Computer Games Development	60			O



The relevant course is the Extended Certificate (360 GLH) equivalent to 1 A-Level. The course is taught as shown to allow for cash-ins at the end of Y12 if required.



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# Top tips for studying BTEC Level 3 Information Technology.

- Unit 3 Social Media is 25% of the course, so achieving a Distinction in this unit is the key to overall success as this can compensate for any weaknesses in Unit 2!
- Practise normalisation as this is the highest level skill in Unit 2 and can seriously impact other activities in the practical examination if the chosen database structure is incorrect.
- For both coursework units, attempt all the assessment criteria as this will generally allow you to re-submit improved coursework based on feedback from your teachers.
- Be mindful of coursework deadlines in BTEC as these are “official” and shared with the exam board. Not submitting work (or work that is deemed to be close enough to meeting any assessment criteria) will result in a re-take of that unit but focused on Pass criteria only!



# What do I need to do to prepare before September?

- Over the summer make sure you complete the transition work which can be found on the website.
- This should be submitted to:  
[nmillward@prioryacademies.co.uk](mailto:nmillward@prioryacademies.co.uk)
- Look at the specification from the examination board here:  
[BTEC Nationals | Information Technology \(2016\) | Pearson qualifications](#)



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