

UNITA' DI APPRENDIMENTO CLIL

Disciplina: Economia aziendale

SCHEDA DI PROGETTAZIONE				
Denominazione	Break-even analysis			
Docenti coinvolti	Prof.ssa Bendotti Giulia (Ec Prof.ssa Tonsi Laura (Econo Prof.ssa Ghirardelli Michela	Prof.ssa Bendotti Giulia (Economia aziendale) Prof.ssa Tonsi Laura (Economia aziendale) Prof.ssa Ghirardelli Michela (Inglese)		
Obiettivi	 Obiettivi disciplinari: Essere in grado di conos break-even analysis. Costruire il grafico della determinazione del BEP Obiettivi L2: Apprendere lessico spece Saper leggere articoli in linguaggio semplice, ma del discorso. Saper elaborare, in macquisite opportune stra scelte operative inerenti Saper utilizzare la form elettronico 	vi disciplinari: sere in grado di conoscere, individuare ed utilizzare lo strumento della eak-even analysis. struire il grafico della break even-analysis e applicare la formula per la terminazione del BEP (Break-Even Point) vi L2: prendere lessico specifico d'ambito economico. per leggere articoli inerenti all'argomento trattato sintetizzandoli in un guaggio semplice, ma formalmente corretto, evidenziando i punti nodali l discorso. per elaborare, in modo semplice ma corretto, dalle informazioni quisite opportune strategie per il management aziendale in merito a elte operative inerenti all'analisi di costi. per utilizzare la formula del BEP con l'utilizzo di un foglio di calcolo ttronico		
	Abilità	Conoscenze		
 Individuare e applicare in contesti adeguati gli strumenti di supporto alla programmazione relativi all'analisi di costi Gli strumenti e le caratteristiche della bre even analysis 				
Utenti destinatari	Studenti della classe 5 indirizzo Tecnico Turistico			
Prerequisiti	 Economia aziendale: Conoscenza della rapprotipologie di costi Conoscenza della classi Conoscenza del process d'esercizio Conoscenza dei concett Inglese: Gli studenti possiedono livello B1 e il B2 del QCI 	esentazione grafica sul piano cartesiano delle ficazione di costi (costi variabili e costi fissi) so di determinazione del risultato economico i di: ricavo, costo, utile e perdita una competenza linguistica intermedia tra il ER		

	SCHEDA DI PROGETTAZIONE
Fase di applicazione	 Fase 1: Getting in tune with the topic (1 h) - vocabulary 1A - 1B Fase 2: Break-even analysis - theory and formulae (2 h) 2A - 2B Fase 3: Break-even chart (2h) 3A - 3B Fase 4: Laboratory activities (1 h) 4A - 4B - 4C - 4D Fase 5: Summary (30 mins.) Fase 6: Self Assessment (30 mins.)
Tempi	7 ore
Metodologia	 Individual work. Pair work. Active learning. Problem solving. Laboratory activities (ICT lab)
Strumenti	 Ambienti di apprendimento: Laboratorio di informatica - Aula con LIM Materiali didattizzati dai docenti Materiali autentici raccolti e selezionati dal docente Riferimenti bibliografici: http://www.accountingcoach.com/break-even-point/explanation/1 http://www.accountingtools.com/margin-of-safety http://businessdevelopmentadvice.com/blog/how-to-reduce-the-break-even-point-of-a- business/ http://www.accountingformanagement.org/break-even-analysis-with-multiple-products https://www.youtube.com/watch?v=XhbBZC77DSw https://www.investopedia.com
Prodotto	 Creazione di un glossario in L2 Costruzione del grafico della break-even analysis Realizzazione di un foglio di calcolo per la determinazione del BEP
Valutazione	Schede di autovalutazione/riflessione studente

Materiale e Fasi di Lavoro

FASE 1 - GETTING IN TUNE WITH THE TOPIC

1A) What is the meaning of the words listed below?

Use your smartphone to look them up and write the definition in your notebook.

- 1. revenue;
- 2. fixed cost;
- 3. variable cost;
- 4. total cost;
- 5. total revenue;
- 6. profit area;
- 7. loss area;
- 8. contribution margin;
- 9. Cartesian Chart

1B) Work in pairs and guess the right expression.

Student A describes the words below with the use of synonyms or definitions.

Student B guesses the words.

- 1- Maximun capacity
- 2- Overhead costs
- 3- Contribution per unit

FASE 2 – BREAK-EVEN THEORY AND FORMULAE

2A) Read the passage carefully, then answer the question completing the sentences with the missing information.

Colin is the accountant in charge of Company A, which sells water bottles. He previously determined that the fixed costs of Company A consist of property taxes, a lease, and executive salaries, which add up to \$100,000. The variable cost of producing one water bottle is \$2 per unit. The water bottle is sold at a premium price of \$12. To determine the break-even point of Company A's premium water bottle you use this formula:

Break-even quantity (BEP)= \$100,000 / (\$12 - \$2) = 10,000

Therefore, given the fixed costs, variable costs, and selling price of the water bottles, Company A would need to sell 10,000 units of water bottles to break even.

How do you find the formula of the BEP?

2B) What is the formula of the BEP?
Price=
Variable cost per unit=
Fixed costs=



3B) You joined a meeting with a management team that made decisions concerning the costs analysis. Work in pairs and role play a dialogue to draw the break-even chart about what it was decided at the meeting. Follow the instructions below:

Student A: give instructions to student B to draw the break-even chart

Student B: ask questions to draw the break-even chart

The teacher provides the following explanation of the break-even chart to students with some difficulties to help them with the exercise.

- 1. The number of units is on the X-axis (horizontal) and the dollar amount is on the Y-axis (vertical).
- 2. The red line represents the total fixed costs of.....
- 3. The blue line represents revenue per unit sold. For example, selling units would generate x.... = in revenue.
- 5. The break even point is at units. At this point, revenue would be x... = and costs would be x ... = in variable costs and in fixed costs.
- 6. When the number of units exceeds, the company would be making a profit on the units sold. Note that the blue revenue line is greater than the yellow total costs line after units are produced. Likewise, if the number of units is below, the company would be incurring a loss. From units, the total costs line is above the revenue line.

FASE 4 - LABORATORY ACTIVITIES

4A) Read the text below and identify the total cost and the total revenue equations. Then put the information in an Excel sheet.

Franco Co-operation makes iron benches and wants to determine the break-even point. The total fixed cost for his business is \$60,000 and the variable cost is \$40 per bench. The company sells the bench for \$ 100 per unit.

	А	В
5		
6	Particulars	Amount
7	Fixed Cost	\$60,000
8	Variable Cost	\$40
9	Selling Price per unit	\$100
10		

4B) Read the text again, then find the contribution margin per unit using the Excel sheet.



FASE 5 - SUMMARY

5A) In pairs complete the following text with the words provided.

BEP - costs - units - revenue - safety - production - level - variable - profit - fixed

How the Break-Even Analysis Works

KEY TAKEAWAYS:

- The break-even analysis tells you how many(8) of a product must be sold to cover the fixed and variable costs of(9).
- The break-even point is considered a measure of the margin of(10).

FASE 6 – SELF ASSESSMENT

At the end of the teaching unit answer these questions.

- 1. What have you learnt through this unit?
- 2. I have done my best in
 - □ doing activities
 - □ communicating
 - □ in social relationships

3. I have to improve:

- □ the way I work
- □ the use of the English language
- □ interpersonal relationships
- 4. How can you improve...
 - the way you work?
 - the use of the English language?
 - your social relationship?