CLASS

Level: A2 21 students SEN: NO

Cesare Circeo

Teacher of Surveying in Pescara-Italy

CLIL Lesson plan

T-BT Template

Timetable fit: II term Two sessions of 60 minutes

SYLLABUS: TRIG POINTS FOR SURVEYING

CONTENT AIMS

To enable learners to understand what trig points are for and how they may look like or be made of.

To develop learners' abilities to prepare a survey layout and make calculations of trig points' coordinates starting with measured angles and distances

To raise learners' awareness of trig points.

TOPIC

Thinking skills for SOLO:

Extended abstract:

Choosing points to serve as trig points on the contour-line map.

Relational:

Identifying known and unknown quantities.

Multistructural:

Making calculations.

Unistructural:

Names of the parts of a theodolite. Law of sine. Coordinates.

LANGUAGE AIMS

To get learners to use proper technical terminology and correct English language.

Being able to talk about steps to be done in accomplishing the task.

Skills	Systems
L	Grammar
S	Lexis
R	Discourse
W	Phonology

First five minutes:

Review: Law of sine and formulæ of coordinates.

Advance Organiser: See map next page.

Goal: Awareness of trig points' use in surveying and land planning.

Feedback notes Medal-Mission:

After visualizing the students' action during the calculations ...

... Very well done! Now we are going to know something more about trig points.

Mission:

Adding variables in the problem and solving it. Do vocabulary and pronunciations exercises.

