Embedded support for math students

Eleftherios Kastis



Lancaster University

March 2019

Mainstream workshops

- Mainstream workshops
- Problem solving exercises

- Mainstream workshops
- Problem solving exercises
- Extra support sessions

- Mainstream workshops
- Problem solving exercises
- Extra support sessions
- Math Café

- Mainstream workshops
- Problem solving exercises
- Extra support sessions
 - Math Café

• 3rd year that ESS run.

- 3rd year that ESS run.
- Both major 1st year modules (MATH100, MATH110) are covered.

- 3rd year that ESS run.
- Both major 1st year modules (MATH100, MATH110) are covered.
- Currently 9-10 students attend per week.

 Material added each week on Moodle. (in communication with the lecturers)

- Material added each week on Moodle. (in communication with the lecturers)
- A timetabled 2 hour support session every Tuesday. (in communication with the teaching coordinators)

- Material added each week on Moodle. (in communication with the lecturers)
- A timetabled 2 hour support session every Tuesday. (in communication with the teaching coordinators)
- One boot camp per term.

Short term of ESS

- Unsolved exercises given for extra practice.
- Practising old ideas while learning new ones.

Short term of ESS

- Unsolved exercises given for extra practice.
- Practising old ideas while learning new ones.

Long-term aims of ESS

- How to read the textbook actively.
- How to write complete solutions.

• Decide whether given statements are true or false and justify.

- Decide whether given statements are true or false and justify.
- Decide whether given proofs are correct or not.

- Decide whether given statements are true or false and justify.
- Decide whether given proofs are correct or not.
- Extra routine exercises.

Challenges

Challenges

• Targeting the students that need support.

Challenges

- Targeting the students that need support.
- Working with different students each week.

Thank you!

