

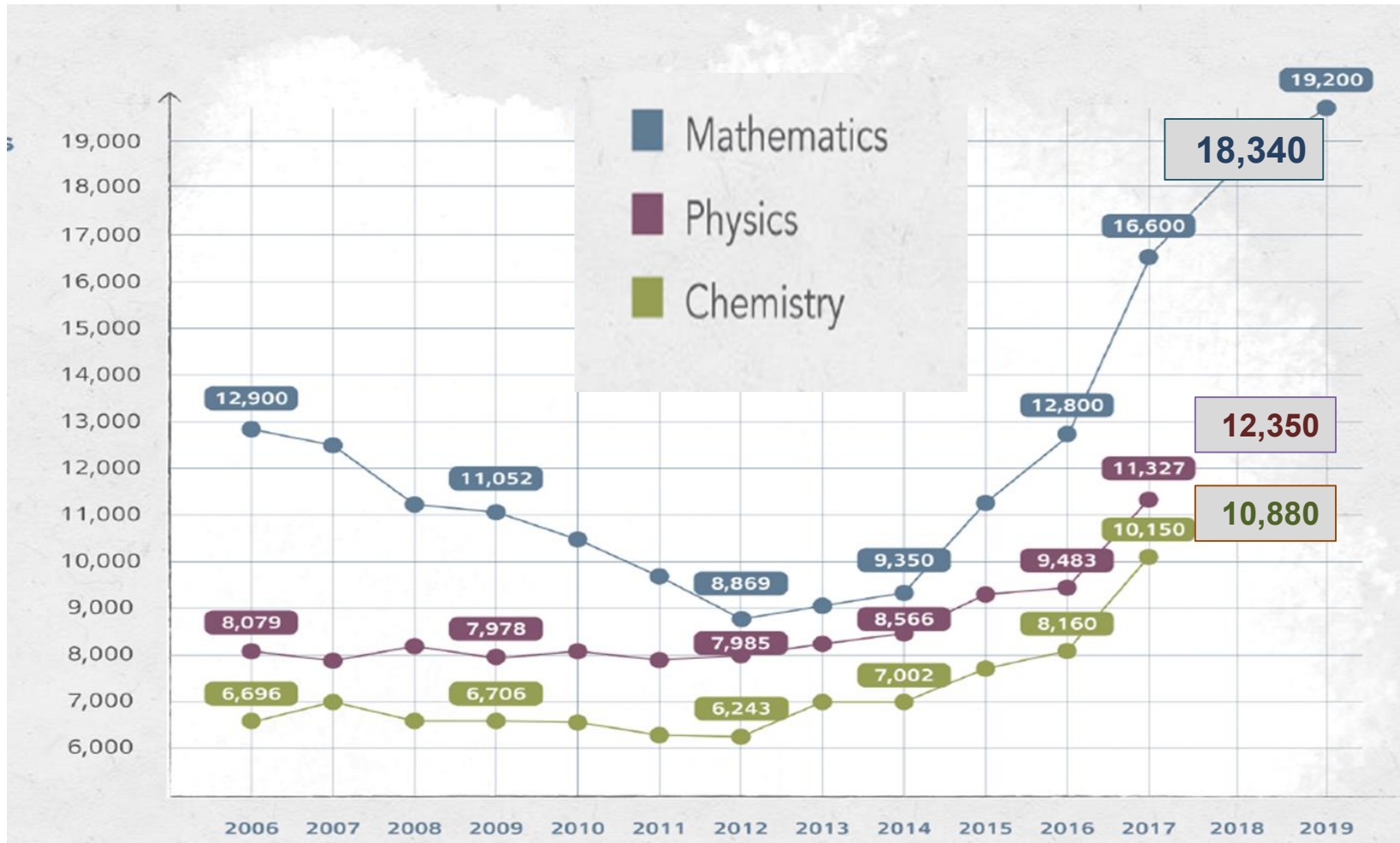


Knowledge & skills

National-wide Programs

Muhana Fares

Number of 5 units students



5 units mathematics exam is the strongest predictor of success for engineering studies in Israel

**But high knowledge in Mathematics
is not enough!**

The need to add in the curriculum of the educational system, skills of the 21st Century such as:

- **Critical thinking**
- **Problem Solving**
- **Creativity**
- **Research and inquiry**
- **Team work**
- **Self- learning, Self-direction, initiative and persistence**
- **Information use**