**Joint project of AUT and UoA on non-routine problem solving in STEM**

**Questionnaire**

**Question 1. From your point of view, what are the main differences between puzzles and routine problems/questions?**

**Question 2. Do you feel confident solving the puzzles?**

1. Yes b) No Please give the reasons:

**Question 3.** **Do you think solving the puzzles can enhance your problem solving skills?**

a) Yes In which way? b) No Why not?

**Question 4.** **Can solving the puzzles enhance your generic thinking skills?**

a) Yes In which way? b) No Why not?

**Question 5.** **Can you see any other benefits for you in** **solving the puzzles?**

a) Yes What are they? b) No Why?

**Question 6. Approximately how many puzzles did you solve correctly over weeks 7-12?**

1. less than 25% b) between 25% and 50% c) between 50% and 75% d) more than 75%

**Question 7. What was your grade in the course pre-requisite to this one?**

A+ A A– B+ B B– C+ C C–

**Question 8. What is your gender?** a) Male b) Female c) Unidentified

**Question 9. What is your age group?** a) younger than 20 b) 20-30 c) older than 30

**Question 10. Are you a domestic student or international?** a) domestic b) international

**Thank you very much for your responses.**

Approved by the UoA Human Participants Ethics Committee on 14/10/16 for 3 years. Ref. # **018102**