



OG Department Stores – Mr Tay Tee Peng Distinguished Undergraduate Student Award (DUSA) Natasha Alexandra JAPARDI, Mathematical Sciences

SILVER SPARKS

PROJECT BACKGROUND

Silver Sparks is an intergenerational community initiative that bridges youths and the elderly through meaningful STEM-based and social engagement activities. Anchored in compassion, inclusivity, and empowerment, the programme addresses social isolation among elderly residents while nurturing youths' confidence and interest in science.

"It is not how much we do, but how much love we put into doing."

TARGET AUDIENCE

- Elderly residents at St. Andrew's Nursing Home
- Teenage girls from Gladiolus Place



EVENT EXECUTION

Silver Circle Reunion: Therapeutic gardening, arts & crafts, board games, mahjong, karaoke, and adaptive sports.

SCIQUEST: Hands-on science experiments, interactive quizzes, and arts & crafts to encourage curiosity.



IMPACT & OUTCOMES

- Improved emotional well-being among elderly residents
- Increased youth interest and confidence in science
 - Strengthened intergenerational connections
- Enhanced sense of empathy, compassion, and social responsibility among volunteers

1 Planting Seeds

2 Watering Plants

3 Decorating Pots

4 Planted Seeds

