Our success is in the woman she becomes...

Student skins her rivals
Madeleine makes a splash with Oliphant award for lotion research

THE WINNERS
OLIPHANT TROPHY
Madeleine Lilburn, Loreto College
OLIPHANT MEDAL
Will Russell, St John's Grammar
DECJOC YOUNG SCIENTIST 7-7 AWARDS
First
Kee-An See, Charlene Lee, Magill Primary School
Second
James Beaumont, St Thomas School
Amber Washington, Walkerville Primary School
DECJOC YOUNG SCIENTIST
AWARDS 8-12
First
Jack Allison, Pembroke
Madeleine Lilburn, Loreto
Second
James Swift, Unley High School
Kimberley Racour, Unley High School
FLINDERS UNIVERSITY (School of Environment prize) 0-12
William Pincombe, Glenunga International High School
DSTO SECONDARY SCHOOLS PRIZE 8-10
First: Glenunga International High School
Second: St John's Grammar Equal First 11-12: Pembroke, The Heights School
SA WATER 8-12 PRIZE Year 8: Rachael Greenwell, Elizabeth Hayes & Zoe Jeffries, St John's Grammar
SA WATER 7-7 PRIZE 3-5 Multimedia entry by Tayla Wood, Abby White & Charlotte Weeks, Highgate CSIRO EDUCATION CREST PRIMARY PRIZE Best CREST School Glenunga International High School
Best Non-CREST School St John's Grammar

AWARD WINNER: Madeleine Lilburn, centre, with fellow Loreto College science students Nicola Taglenti, and Ellis Fearon.
Picture: DYLAN COKER

MARTINA SIMOS
KATRINA STOKES
IT'S one of the cheapest, no-frills moisturisers on the market but common Vaseline is the best cream to soothe dry skin, an award-winning Loreto College student says.
Year 10 student Madeleine Lilburn, 15, researched five different brands - including Vaseline, Palmer's Cocoa Butter and an organic homemade mix of honey and water - to determine which was most effective at improving dry skin as part of the annual Oliphant Science Awards.
She was given the top award, the Sir Mark Oliphant Trophy, for her efforts.

Ms Lilburn decided to research the topic because of her own dry skin. “I’m a swimmer so if you’re swimming a lot you get really dry skin because chlorine affects it so I thought why not see if I can find which moisturiser would suit best for swimmers?”

As part of the research over two days, she woke up every four hours to check and record the weight and height of the ballistic gelatine which was used to test the five moisturisers she found Vaseline was best at holding moisture the longest, while Palmer’s Cocoa Butter was in second place.
“Then, I do use a lot of cocoa butter these days,” she said. As for the natural remedy of honey mixed with water? “All the honey and the water evaporated, which leaves the skin really dry,” she said.

The keen science student who also entered posters and an essay said her passion for science was encouraged by the school’s Oliphant science club introduced by science teacher Patty Warrender.