What is a movement?
People Power in the Philippines
Girls’ education in the Philippines needed a movement.
Inspired by our “Trailblazers in Habits”
Finding our vision and philosophy
Taking pride in our identity as a girls’ school
“...[our girls’] exuberant, unfettered voices...”
RAISING EXPECTATIONS
LISTENING TO OUR GIRLS
BUILDING ON THEIR STRENGTHS
PROVIDING MENTORS AND MODELS
GIRLS AT THE CENTER PROJECT

TEACHING

RESEARCH

PROGRAMS
Empowering girls as they explore, improve, and showcase their talents
The greatness began with men as actors.

The greatness continues with women as innovators.

Great street plays based on three great works.
Connecting with the former Philippine President
With Chilean President Michelle Bachelet
Making experiential learning work
Collaborating with peers
Helping girls see themselves as sources of knowledge

Inspiring leaders in new fields

THEY are normally not the most popular subjects at school but science, technology, engineering and mathematics (STEM) took centre stage at St Margaret’s Anglican Girls’ School.

A delegation of 18 high-school students from Miriam College High School in the Philippines visited St Margaret’s last week, to learn and share aspirations with their Brisbane peers.

St Margaret’s principal Ros Curtis said the Alliance of Girls’ Schools Australia, which had connected the schools, supports leadership programs for girls.

“In Australia, and around the world, the representation of women in STEM leadership positions is considerably less than their male counterparts,” Ms Curtis said.

Ms Curtis said inspiring more girls to consider STEM careers would benefit the global economy and society.

Angelica Albino, Year 12, Miriam College and Chelsea Goudge, Year 11, St Margaret’s.

Picture: COURTNEY PHELPS
Forming converts through NCGS (Wellesley College, 2011)
CONNECTING WITH CHAMPIONS OF GIRLS’ EDUCATION
2013 SPRING DEMOCRACY GRANT

Cooperation for Girls’ Education, Nurturance, and Training

A joint project of
COGENT addressed four areas of critical growth in girls’ schools.

- Girls in STEM
- Girls as Leaders
- Girls in the Arts
- Girls and their Mentors
STRENGTHENING THE MOVEMENT
Nurturing our ties as alliance members
Educating our children for their future not our past.

SHIFTING TOWARDS E-LEARNING
# Mean Percentage Scores (MPS) of the Middle School, National Achievement Test

<table>
<thead>
<tr>
<th>Subject</th>
<th>SY 11-12</th>
<th>SY 12-13</th>
<th>SY 13-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filipino</td>
<td>67.20</td>
<td>68.42</td>
<td>76.48</td>
</tr>
<tr>
<td>Math</td>
<td>51.30</td>
<td>59.42</td>
<td>70.03</td>
</tr>
<tr>
<td>English</td>
<td>78.18</td>
<td>79.05</td>
<td>79.03</td>
</tr>
<tr>
<td>Science</td>
<td>69.72</td>
<td>66.94</td>
<td>70.59</td>
</tr>
<tr>
<td>HEKASI</td>
<td>58.19</td>
<td>59.67</td>
<td>55.08</td>
</tr>
<tr>
<td>Overall</td>
<td>64.92</td>
<td>66.70</td>
<td>70.24</td>
</tr>
</tbody>
</table>

## Quezon City Private Schools Ranking

<table>
<thead>
<tr>
<th>School Year</th>
<th>2011-2012</th>
<th>2012-2013</th>
<th>2013-2014</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>23/334</td>
<td>22/334</td>
<td>7/334</td>
</tr>
</tbody>
</table>
### Number of STEAM Students in the Senior High School Program

<table>
<thead>
<tr>
<th>Academic Track</th>
<th>SY 2014-2015</th>
<th></th>
<th>SY 2015-2016</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
<td>%</td>
<td>N</td>
<td>%</td>
</tr>
<tr>
<td><strong>STEM</strong></td>
<td>204</td>
<td>42.50</td>
<td>195</td>
<td>47.33</td>
</tr>
<tr>
<td><strong>Social Sciences</strong></td>
<td>117</td>
<td>24.38</td>
<td>68</td>
<td>16.50</td>
</tr>
<tr>
<td><strong>Arts &amp; Humanities</strong></td>
<td>89</td>
<td>18.54</td>
<td>57</td>
<td>13.83</td>
</tr>
<tr>
<td><strong>Business</strong></td>
<td>70</td>
<td>14.58</td>
<td>92</td>
<td>22.33</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>480</td>
<td>100.00</td>
<td>412</td>
<td>100.00</td>
</tr>
</tbody>
</table>
WHAT ELSE DO WE NEED TO DO?
Institutionalizing an innovative campaign for girls’ education
The Philippines’ FIRST Integrated Makerspace.
It promotes learning, creating, and connecting as transformative processes.
A small-scale creative workshop equipped with an array of flexible computer controlled tools and equipment that aim to make “almost anything.”
A learning space equipped with various instruments for laboratory experiments and investigatory projects.
A learning space equipped with digital devices and building tools needed to facilitate acquisition of engineering competencies
A learning space that houses software and equipment for web authoring, software development, animation, graphic design, web design, and digital audio and video manipulation.
A creative studio for the experimental arts
A center for gastronomic science and culinary arts managed by learners
A state-of-the-art learning space to hold various events, symposia, workshops, and training.
Moving from STEM to STEAM through robotics
Kinder robotics at the Child Study Center
Tinker Hubs in the Lower School
Lone all-girls and Philippine delegation
2013 World Education Robotics Competition
Promoting design thinking
Bringing design thinking to the public
Developing and testing prototypes
Bringing STEAM to communities
OPPORTUNITIES FOR COLLABORATION
CERTIFICATE COURSE IN DEVELOPING AND ADAPTING DIGITAL AND MOBILE APPLICATIONS

CERTIFICATE COURSE IN TEACHING AND LEARNING WITH DIGITAL AND MOBILE TECHNOLOGY
CERTIFICATE COURSE IN DESIGN EDUCATION

CERTIFICATE COURSE IN KNOWLEDGE AND INNOVATION MANAGEMENT
IN THE ASIA PACIFIC REGION

Asia-Pacific Network for Girls’ Education

- Girls in STEAM/DREAMS
- Girls as Leaders
- Girls and their Mentors
- Girls in Inclusive Education Development Contexts
Individually, we are one drop.
Together, we are an ocean.

Ryunosuke Satoro
GIRLS, INNOVATE!
Moving Girls' Education Forward

Rosario O. Lapus, PhD
President and Chief Innovation Officer
Edizon A. Fermin, PhD
Director for Innovation Development
Miriam College, Philippines