

# WHAT ARE WE LOOKING FOR?

## SCHOOL OF APPLIED SCIENCE (SAS)

- Want to EXPLORE and find your “Eureka!” moment?
- At SAS, you will learn to uncover new knowledge to PIONEER NEW FRONTIERS in science. Get ready to hone your research and technical skills to make life-changing discoveries.

<b>Current Course Title</b>	<b>Demonstrates Passion or Interest in:</b>	<b>Portfolio</b> (What goes into the portfolio)	<b>Interview</b> (Estimated duration and possible topics/questions covered)
<b>Applied Chemistry</b>	<ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• DIY skincare e.g. creams, lotions, natural extracts, and soaps</li> <li>• Baking</li> </ul>	<ul style="list-style-type: none"> <li>• Certificates of achievement/awards</li> <li>• CCA records, including any evidence of leadership, team skills and/or involvement in service-learning programmes</li> <li>• Evidence of interest and ability such as:               <ul style="list-style-type: none"> <li>◦ Participation in related projects, competitions, and/or work attachments Examples: crystal growing competition, science fair/competition by Science Centre Singapore, chemistry video competition, 3D printing or related rapid prototyping competitions</li> <li>◦ Participation in related ApLMs* and/or other workshops/events</li> </ul> </li> <li>• Recommendation letters/testimonials from teachers/coaches</li> <li>• Other relevant documents to support your application</li> </ul>	<ul style="list-style-type: none"> <li>• Duration: 15 minutes</li> <li>• Knowledge and interest about the field of study or industry</li> <li>• Future plans and the relevance of the course</li> <li>• Past experiences that demonstrate your interest and ability for the course, and what you have learnt from these experiences</li> </ul>

<b>Current Course Title</b>	<b>Demonstrates Passion or Interest in:</b>	<b>Portfolio</b> (What goes into the portfolio)	<b>Interview</b> (Estimated duration and possible topics/questions covered)
<p><b>Biological Sciences</b></p> <p>with majors in:</p> <ul style="list-style-type: none"> <li>◦ <b>Biotechnology</b></li> <li>◦ <b>Food &amp; Agricultural Science</b></li> </ul>	<ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Gene and cell technologies</li> <li>• Food science and nutrition</li> <li>• Plant sciences</li> </ul>	<ul style="list-style-type: none"> <li>• Certificates of achievement/awards</li> <li>• CCA records, including any evidence of leadership, team skills and/or involvement in service-learning programmes</li> <li>• Evidence of interest and ability such as:               <ul style="list-style-type: none"> <li>◦ Participation in related projects, competitions, and/or work attachments</li> <li>◦ Participation in related ApLMs* and/or other workshops/events</li> </ul> </li> <li>• Recommendation letters/testimonials from teachers/coaches</li> <li>• Other relevant documents to support your application</li> </ul>	<ul style="list-style-type: none"> <li>• Duration: 15 minutes</li> <li>• Knowledge and interest about the field of study or industry</li> <li>• Future plans and the relevance of the course</li> <li>• Past experiences that demonstrate your interest and ability for the course, and what you have learnt from these experiences</li> </ul>
<p><b>Biomedical Science</b></p> <p>with majors in:</p> <ul style="list-style-type: none"> <li>◦ <b>Biomedical Research</b></li> <li>◦ <b>Medical Laboratory Technology</b></li> </ul>	<ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Life science (e.g. microbiology, molecular and cell biology, and genetics)</li> <li>• Medical laboratory science</li> </ul>	<ul style="list-style-type: none"> <li>• Certificates of achievement/awards</li> <li>• CCA records, including any evidence of leadership, team skills and/or involvement in service-learning programmes</li> <li>• Evidence of interest and ability such as:               <ul style="list-style-type: none"> <li>◦ Participation in related projects, competitions, and/or work attachments</li> <li>◦ Participation in related ApLMs* and/or other workshops/events</li> </ul> </li> <li>• Recommendation letters/testimonials from teachers/coaches</li> <li>• Other relevant documents to support your application</li> </ul>	<ul style="list-style-type: none"> <li>• Duration: 15 minutes</li> <li>• Knowledge and interest about the field of study or industry</li> <li>• Future plans and the relevance of the course</li> <li>• Past experiences that demonstrate your interest and ability for the course, and what you have learnt from these experiences</li> </ul>

Current Course Title	Demonstrates Passion or Interest in:	Portfolio (What goes into the portfolio)	Interview (Estimated duration and possible topics/questions covered)
<p><b>Environmental &amp; Marine Science</b></p>	<ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Circular economy</li> <li>• Conservation</li> <li>• Aquaculture</li> <li>• Fishkeeping</li> <li>• Angling</li> <li>• Climate change</li> <li>• Water technology</li> <li>• Renewable energy</li> <li>• Sustainability and sustainable development</li> <li>• Nature and biodiversity</li> </ul>	<ul style="list-style-type: none"> <li>• Certificates of achievement/awards</li> <li>• CCA records, including any evidence of leadership, team skills and/or involvement in service-learning programmes</li> <li>• Evidence of interest and ability such as: <ul style="list-style-type: none"> <li>◦ Participation in related CCAs such as School Science Club and Green/Environmental Clubs</li> <li>◦ Participation in related environmental conservation activities such as beach clean-up and recycling/upcycling workshops</li> <li>◦ Participation in related projects, competitions, and/or work attachments</li> <li>◦ Participation in related ApLMs* and/or other workshops/events</li> </ul> </li> <li>• Recommendation letters/testimonials from teachers/coaches</li> <li>• Other relevant documents to support your application</li> </ul>	<ul style="list-style-type: none"> <li>• Duration: 15 minutes</li> <li>• Knowledge and interest about the field of study or industry</li> <li>• Future plans and the relevance of the course</li> <li>• Past experiences that demonstrate your interest and ability for the course, and what you have learnt from these experiences</li> </ul>
<p><b>Pharmaceutical Science</b></p> <p>with majors in:</p> <ul style="list-style-type: none"> <li>◦ Patient Care Practice</li> <li>◦ Pharmaceutical Industry Practice</li> </ul>	<ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Healthcare</li> <li>• Community volunteer work</li> <li>• Service-learning</li> </ul>	<ul style="list-style-type: none"> <li>• Certificates of achievement/awards</li> <li>• CCA records, including any evidence of leadership, team skills and/or involvement in service-learning programmes</li> </ul>	<ul style="list-style-type: none"> <li>• Duration: 15 minutes</li> <li>• Knowledge about the field of pharmaceutical science</li> <li>• Interest in pursuing a career in the healthcare/ pharmaceutical industry</li> <li>• Future plans and the relevance of the course</li> </ul>

Current Course Title	Demonstrates Passion or Interest in:	Portfolio (What goes into the portfolio)	Interview (Estimated duration and possible topics/questions covered)
		<ul style="list-style-type: none"> <li>• Evidence of interest and ability such as:               <ul style="list-style-type: none"> <li>◦ Participation in related projects, competitions, and/or work attachments</li> <li>◦ Participation in related ApLMs* and/or other workshops/events</li> </ul> </li> <li>• Recommendation letters/testimonials from teachers/coaches</li> <li>• Other relevant documents to support your application</li> </ul>	<ul style="list-style-type: none"> <li>• Past experiences that demonstrate your interest and ability for the course, and what you have learnt from these</li> <li>• Involvement in community work and its learning points</li> </ul>
<b>Common Science Programme</b>	<ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>• Certificates of achievement/awards</li> <li>• CCA records, including any evidence of leadership, team skills and/or involvement in service-learning programmes</li> <li>• Evidence of interest and ability such as:               <ul style="list-style-type: none"> <li>◦ Participation in science related projects, competitions, and/or work attachments (e.g. Math Olympiad, Science Olympiad)</li> <li>◦ Participation in related ApLMs* and/or other workshops/events</li> </ul> </li> <li>• Recommendation letters/testimonials from teachers/coaches</li> <li>• Other relevant documents to support your application</li> </ul>	<ul style="list-style-type: none"> <li>• Duration: 15 minutes</li> <li>• Knowledge and interest about this course and SAS diplomas</li> <li>• Future plans and the relevance of the course</li> <li>• Past experiences that demonstrate your interest and ability for the course, and what you have learnt from these</li> </ul>

\*Applied Learning Modules (ApLMs) are conducted in the same way as all our regular diplomas. The programme helps secondary school students make informed decisions about education and career plans after their graduations.

For more information, visit <https://www.rp.edu.sg/teachers/APLMS>