

Singapore Futures Youth Competition 2024

LKY
Lee Kuan Yew
School of Public Policy

Institute for
**GOVERNANCE
and LEADERSHIP**

Re-imagining Opportunities:
Work and Education in Singapore 2050

18 TO 21 JUNE 2024

Organised by the Institute for
Governance and Leadership

Lee Kuan Yew School
of Public Policy



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About the Singapore Futures Youth Competition

The Lee Kuan Yew School of Public Policy (LKYSPP) Institute for Governance and Leadership (IGL) is delighted to organize the Singapore Futures Youth Competition from the 18th to the 21st of June 2024.

The theme is Re-imagining Opportunities: Work and Education in 2050 Singapore, in which the participants will learn and apply futures thinking and foresight to develop scenarios on the potential career and education opportunities in Singapore.

In the fourth run of this competition, the LKYSPP is delighted to welcome a diverse group of about 100 students from our Junior Colleges, Polytechnics, Institutes of Technical Education, Madrasahs, and more to participate.

Through this competition, participants will be introduced to public policy challenges and the complexities in the policy-making process. More importantly, we hope that the insights and experience gained in this competition will be valuable resources for the participants as they navigate their own future and place in Singapore!

SHAPING TOMORROW:

Insights and Inspiration from Panel Sessions with Industry Experts

The Singapore Futures Youth Panel Sessions provided an enriching platform where diverse perspectives on Singaporean experiences were explored. These sessions brought together a wide range of voices, from students to industry experts and thought leaders, fostering a comprehensive dialogue.

The insights and viewpoints shared by the panelists significantly broadened participants' understanding of the dynamic landscape of work and education, highlighting the profound impact of emerging trends and technologies.

Participants were particularly inspired by the panelists' personal stories and practical advice, which offered a deeper, more relatable understanding of the possibilities and challenges that lie ahead.

Moreover, the thoughtful and constructive feedback provided during the sessions equipped participants with valuable guidance, enabling them to refine and develop their ideas, skills, and goals further. This feedback was not only inspiring but also instrumental in helping attendees navigate their personal and professional growth.

Overall, the Singapore Futures Youth Panel Sessions allowed participants to envision their future paths more clearly and confidently.





PANEL 1
SPEAKERS

Future of Work and Current Trends



Edwin Tan

Deputy Director,
Jobs-Skills Insights Division,
SkillsFuture Singapore



Trisha Suresh

Public Policy Head
and Economic Graph for
Southeast Asia, LinkedIn



Kaylee Kua

Executive Director,
Daughters of Tomorrow





PANEL 2
SPEAKERS

Creating a Diverse and Inclusive Culture



Suresh Punjabi

Associate Dean,
Lifelong Education and
Training, School of Continuing
and Lifelong Education, NUS



David Hoe

Founder and Director,
IAmTalented and Board of
Advisor, Advisory.SG



Ivy Tse

CEO,
Halogen Singapore



Judging Panels


Both preliminary and final rounds required participants to give a 10-minute presentation, followed by a 10-minute Q&A session by the judges.

The group presentations were assessed based on the following criteria:




Adherence to the Theme or Guidelines

Team Coordination and Cohesion



Presentation Delivery

Believability and Creativity



Judging Panels

We invited experts and leaders from the public and private sectors as members of judging panels.



Preliminary rounds' judges:



Kenneth Poon

Senior Manager,
Industry Collaboration,
Partnerships, Home Team
Science & Technology Agency



Soh Yen Li

Director,
Corporate Communications &
Service Division (Designate),
Singapore Prison Service



Yvonne Kong-Ho

Deputy Head,
SMU-X, Singapore
Management University



Jamie Lim

Deputy President,
Public Engagement Advisory



Liana Tang

Second Director,
Smart Nation Strategy Office,
Ministry of Digital Development
and Information



Azree Rahim

Director,
Resource Policy Division,
Planning Group,
Workforce Singapore

Judging Panels

We invited experts and leaders from the public and private sectors as members of judging panels.



Final round judges:



Ong Toon Hui

Vice Dean and Executive Director,
Institute for Governance and
Leadership, Lee Kuan Yew
School of Public Policy



Dr Gog Soon Joo

Chief Skills Officer,
SkillsFuture Singapore



Dawn Yip

Coordinating Director,
Singapore Government
Partnership Office, Ministry of
Culture, Community & Youth

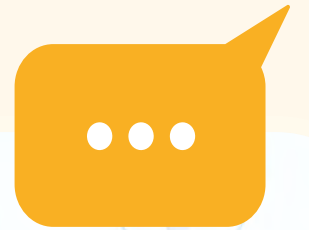
ENVISIONING
SINGAPORE'S FUTURE



Dialogue with Mr Eric Chua, Senior Parliamentary Secretary

On the final day, we had an insightful dialogue with Mr Eric Chua, Senior Parliamentary Secretary of the Ministry of Culture, Community, and Youth. The dialogue focuses on Singapore's long-term future and imagines what the participants' role in it might be. Mr Eric emphasises that everyone has a meaningful part to play in creating a positive future for Singapore.

Through the competition and this dialogue specifically, the organisers hope to inspire the next generation of young futurists to make public service, in all its possible expressions, their lifework.



Public service is not confined to traditional government roles but extends to non-profit initiatives, community activism, social entrepreneurship, and beyond. Every individual can find a niche where their unique talents and passions can contribute to the common good.

Whether it involves advocating for social justice, developing innovative solutions to environmental challenges, improving healthcare, or enhancing educational opportunities, there are countless avenues for making a significant impact. Through their contributions, these young futurists will help shape a more equitable, sustainable, and prosperous future for Singapore and beyond.

Prizes and Key Takeaways



Through this competition, we hoped that participants had a profound and enjoyable experience, fostering new friendships, learning from one another, and networking with experts and leaders. Crucially, we hoped that the insights and knowledge gained during the competition would serve as valuable resources for participants as they navigate their futures and envision their roles in Singapore in 2050.

The competition awarded the Top 3 groups with cash prizes of \$2000, \$1500, and \$1000 respectively. Additionally, three groups received a consolation cash prize of \$500 each.

Beyond the monetary rewards, participants were also entitled to several other benefits, including a certificate of participation and the opportunity to join the IGL's mailing list. These additional perks were designed to further enrich the participants' journey and provide them with ongoing support and opportunities for growth.



Team 11

Atlas of Home



1ST PRIZE



Team Members: Puteri Rosli, Ji Yu Dan, Pauline Yoita Thiantania, Henry Cha Yu Hang, Nusaybah Iqbaal, Tan Zng Hiong, Daphne Koh



Team 3 Future Cats



2ND PRIZE



Team Members: Wong Li Song, Bobo Lim, Samuel Lin, Hoe Jun Wei, Nur Asyifa Muhamed Amin, Sarah Sung, Harris Ilhan Mohamad Azali



Team 5 YOUT5



Yout5



3RD PRIZE



Team Members: Lim Yi Xuan, Hor Sze Jia, Kho Yu Qian, Voon Kee Shand, Muhammad Ammar Zaid, Eugene Tan, Khyra Imran



Team 6 Rojak Cats



CONSOLATION PRIZE



Team Members: Siraj Muzammil, Beatrice Foo, Zachery Tay, Ainul Bina Abdul Latheef, Lim Xuan Xiang, Norah Neo, Edric Kim

Team 9



Victoria's Secret Angels



CONSOLATION PRIZE



Team Members: Natalie Ong, Jeanne Clarissa Hartono, Tiffany Leong, Shandy Twan, Intan Qudwatun Hasanah Herman, Aung Moe Myint, Wayne Ng



Team 15 Eduvators

TEAM 15
The **EDUVATORS**



CONSOLATION PRIZE



Team Members: Tobius Chua, Pan Guo Zeng David, Danelle Kaylee Bacomo, Zainab Alisabri, Ray Yap, Kok Yu Siang, Zuhrahnesa Niyas



Team 1 Allagon

Team Allagon, presenting on the Future of Education in 2050: Reimagining Relations.

In today's competitive Singapore, there's a pressing challenge: the neglect of essential interpersonal skills like communication, empathy, and conflict resolution.



Team Members:

Regina Yap, Chen Soon Cheng, Ding Jinbo, Wong Li Hong Edmund, Nur Sabrina Binte Zulkifli, Alvis Loh, Noelle Leow

TEAM FOCUS
Future of Education in 2050:
Reimagining Relations

Team Allagon envisions a future where interpersonal skills are core to education. They propose a curriculum overhaul to integrate networking, career activities, and soft skills workshops.

SINGAPORE FUTURES YOUTH COMPETITION 2024
TEAM 1 ALLAGON

the FUTURE of EDUCATION in 2050
REIMAGINING RELATIONS

2030
COLLABORATION BETWEEN GOVERNMENT, CORPORATIONS & NGOs

2040
INTERPERSONAL SKILLS INTEGRATED into CURRICULUM

2050
EFFECTIVE COMMUNICATORS, EXPERT PROBLEM SOLVERS, CARING EMPATHS

Solutions

INTER-SECTOR INQUIRY INTO INTERPERSONAL SKILL TRAINING

INTENTIONAL EDUCATION IN SCHOOLS

INTERPERSONAL SKILLS PORTFOLIO

YOUTH CHALLENGES:
YOUTHS from FAMILIES with POOR COMMUNICATION
LACK of EMPHASIS in SCHOOLS
INEFFECTIVE INTERPERSONAL SKILLS WORKSHOPS
TECHNOLOGY ADVANCEMENT WORSENING INTERACTIONS

Logos: IYKY Lee Kuan Yew School of Public Policy, Institute for GOVERNANCE and LEADERSHIP

RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE



This transformation aims to foster harmonious workplaces and enhance worker happiness and productivity.

Their comprehensive solutions include educational reforms, robust evaluation methods for interpersonal skills, and personalised skill portfolios.

Importance: This future is crucial as it aims to create a workforce capable of thriving in collaborative environments.



Team 2 Frostbite

Team Frostbite, focusing on Empowering Youths for Future Careers in 2050.

Currently, tertiary education falls short in preparing students with critical core skills essential for future careers.

There's a significant gap where students lack awareness of emerging career opportunities and essential skills beyond technical expertise.



Team Members:

Hoe Jun Yi, Brandan Goh, Seah Jin Rong, Jenyasri Senthil Kumar, Himangi Sharma, Ashley Tin, Charmine Tan

TEAM FOCUS
Empowering Youths
for Future Careers in 2050

Team Frostbite envisions a future where all students develop these critical skills.

SINGAPORE FUTURES YOUTH COMPETITION 2024
TEAM 2 FROSTBITE

FROSTBITE
Cute, intelligent, mysterious dragon who loves to sleep and is looking for a job! @frostbitesingapore
He wants to work for the ministry of defence to bring firepower. He loves ice cream, and his favourite flavour is cotton candy.

92% AI LITERACY
CURRENT EMPLOYERS LOOK FOR

CRITICAL CORE SKILLS ARE NECESSARY FOR SUCCESS, YET THESE SKILLS ARE NOT SUFFICIENTLY TAUGHT IN TERTIARY EDUCATION

A FUTURE GROWING CRITICAL CORE SKILLS

THERE IS A **GAP** BETWEEN TERTIARY EDUCATION AND BRIDGE THE GAP THROUGH AN EMPHASIS ON GROWING **SOFT SKILLS**

SKILL GRILL MOVEMENT

ONGOING TRAINING POST-GRADUATION **NOT LEFT HIGH + DRY**

INTERNSHIP FAIRS WITH CORPORATE REPRESENTATIVES

UTILISE TECHNOLOGY & RESOURCES

AR

TEAM WORK + COLLABORATION

COMMUNICATION

PROBLEM SOLVING & CRITICAL THINKING

RESILIENCE -- the ABILITY to FAIL OFTEN & FAIL FORWARD

EMPATHY

RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE



By emphasizing the importance of Critical Core Skills (CCS), they aim to create a workforce that is not only technically proficient but also adaptable and capable of pursuing diverse career paths aligned with personal interests.

Importance: This scenario is vital as it ensures that future professionals are well-rounded, adaptable, and capable of thriving in a rapidly evolving job market.



Team 3 Future Cats

Team Future Cats with their project on Achieving Equity in Educational Opportunities by 2050.

Singapore's education system faces disparities in resource allocation and opportunities. Specialized schools receive more resources than mainstream institutions, limiting access to diverse subjects and opportunities.



Team Members:

Wong Li Song, Bobo Lim, Samuel Lin, Hoe Jun Wei, Nur Asyifa Muhamed Amin, Sarah Sung, Harris Ilhan Mohamad Azali

TEAM FOCUS
Achieving Equity in Educational Opportunities by 2050

Team Future Cats envisions a future where all schools offer a range of subjects and extracurricular activities.

SINGAPORE FUTURES YOUTH COMPETITION 2024
TEAM 3 FUTURE CATS

CURRENTLY:
DISPARITIES IN ACCESS TO SPECIALISED SUBJECTS
FRAGMENTED EDUCATION SYSTEM
COMPETITIVE LEARNING ENVIRONMENT

2050
EQUITABLE ACCESS TO SPECIALISED SUBJECTS
"EVERY SCHOOL, A DESIRABLE SCHOOL"
COLLABORATIVE, HOLISTIC, AND FUTURE-READY CURRICULUM

SOLUTIONS
IDENTIFYING REGIONS
CURRICULUM & SUBJECT EXPANSION
INDUSTRY PARTNERS

ACHIEVING EQUITY in EDUCATIONAL OPPORTUNITIES by MAKING EXTRA-CURRICULAR & NICHE SUBJECTS MORE ACCESSIBLE by 2050

SARAH'S O-LEVEL CERTIFICATE 2050

| SUBJECT | GRADE | | LANGUAGE | EXAMINER |
|------------------------------|------------|-----------|----------|-----------|
| | Applicable | Available | | |
| ENGLISH LANGUAGE | A | ONE | ENGLISH | CAMBRIDGE |
| GEOGRAPHY | A | ONE | ENGLISH | CAMBRIDGE |
| MATHEMATICS | A | THREE | ENGLISH | CAMBRIDGE |
| SCIENCE (CHEMISTRY, BIOLOGY) | A | THREE | ENGLISH | CAMBRIDGE |
| Malay | A | ONE | Malay | SINGAPORE |
| Malay (Oral/Practical) | PASS | DIST | ENGLISH | SINGAPORE |
| ASTROPHYSICS | PASS | PASS | ENGLISH | SINGAPORE |
| DATA SCIENCE | PASS | PASS | ENGLISH | SINGAPORE |

Lee Kuan Yew School of Public Policy
Institute for GOVERNANCE and LEADERSHIP
RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE



They propose partnerships with industries and the government to support inclusive education, fostering personal development and employability over mere academic achievement.

Importance: This future scenario promotes inclusivity and ensures that every student has equal access to opportunities.



Team 4 Rhino Congress

Team Rhino Congress, addressing Empowering Youths to Pursue Passions.

The current education system often limits students from freely pursuing their passions, especially those from lower socio-economic backgrounds.



Team Members:

Ascendas Teo, Ramesh Buvanesh Ram, Livni Wong, Alden Lee, Sora Shukla, Ezekkious Loo, Asyirin Hamid

TEAM FOCUS
Empowering Youths to Pursue Passions

Team Rhino Congress envisions an inclusive education system where quality education is accessible to all.

SINGAPORE FUTURES YOUTH COMPETITION 2024 TEAM 4 RHINO CONGRESS

GROUP FOUR

RESHAPING and REDEFINING the EDUCATION LANDSCAPE in SINGAPORE!

- NARROW & RIGID
- WIDENING SKILLS GAP
- MENTAL HEALTH ISSUES
- LOW VALUE OF PAPER QUALIFICATIONS
- HIERARCHICAL SCHOOL CULTURE
- DEMAND FOR PERSONALISATION

AILB PERSONALISED AI LEARNING BUDDY!

TAILORED LEARNING ACCORDING TO INTEREST & NEEDS!

AILB GROWS ALONG WITH THE STUDENT!

AI-POWERED EXAMINATION

SPECIALISED & TAILORED TO YOUR INTERESTS

SOLUTIONS TIMELINE

- 2025 DEVELOPMENT OF AILB
- 2035 LAUNCH OF AILB
- 2040 AILB PILOT PROGRAMME
- 2045 INTRODUCTION OF "NEW HIGH SCHOOL" SYSTEM
- 2050 LAUNCH OF "NEW HIGH SCHOOL"

RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE

Lee Kuan Yew School of Public Policy

Institute for GOVERNANCE and LEADERSHIP



They propose personalized education pathways that nurture individual talents, shifting focus from degree attainment to skills development and personal fulfillment.

Importance: This scenario is critical as it aims to break down socio-economic barriers, ensuring that every student can achieve their full potential and contribute meaningfully to society.



Team 5 YOUT5

Team YOUT5, presenting on the Future of Career Mobility in 2050.

Today, career mobility is seen linearly, but Team YOUT5 foresees a future driven by personal growth and the emergence of new industries.



Team Members:

Lim Yi Xuan, Hor Sze Jia, Kho Yu Qian, Voon Kee Shand, Muhammad Ammar Zaid, Eugene Tan, Khyra Imran

TEAM FOCUS
Future of Career Mobility in 2050

Team YOUT5 envisions a future where career mobility is facilitated through technological innovations like AI-driven career platforms and flexible work arrangements.

SINGAPORE FUTURES YOUTH COMPETITION 2024

TEAM 5 YOUT5

Yout5

CAREER MOBILITY in 2050

INCREASED JOB SATISFACTION & ENGAGEMENT

ENHANCED EMPLOYEE RETENTION

SKILL DEVELOPMENT & LEARNING OPPORTUNITIES

LOWER UNEMPLOYMENT

BETTER UTILISED TALENT

WORK-LIFE BALANCE

41% of RESPONDENTS CITED the PURSUIT OF A BETTER WORK LIFE BALANCE

33% INDICATED LIMITED OPPORTUNITIES FOR CAREER ADVANCEMENT PROMPTED THEIR SEEKING of NEW ROLES

35% SINGAPORE EMPLOYEES WANT to SWITCH JOBS IN the FIRST HALF OF 2024

CHOOSING MICRO JOBS FOR VARIETY & FLEXIBILITY UNTIL YOU WOULD PREFER A PERMANENT ROLE

PORTFOLIO CAREER

A MULTI-HYPHENATED CAREER PATH

SOLUTIONS

USING METAVERSE TECHNOLOGY & AI to MATCH YOU

SHADOWING

BOOTCAMP

RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE

Lee Kuan Yew School of Public Policy

Institute for GOVERNANCE and LEADERSHIP



They propose a shift towards holistic job satisfaction based on personal growth and purpose.

Importance: This scenario is crucial as it promotes a workforce that is adaptable, fulfilled, and capable of navigating diverse career paths.



Team 6 Rojak Cats

Team Rojak Cats, discussing
The Competitiveness of Singaporean
Professionals Globally.

Despite Singapore's current competitive
edge, technological advancements and
market changes pose challenges.



Team Members:

Siraj Muzammil, Beatrice Foo, Zachery Tay,
Ainul Bina Abdul Latheef, Lim Xuan Xiang,
Norah Neo, Edric Kim

TEAM FOCUS
The Competitiveness of
Singaporean Professionals Globally

Team Rojak Cats envisions a future
emphasizing continuous professional growth
and collaboration between sectors to enhance
workforce benefits and upskilling efforts.

SINGAPORE FUTURES
YOUTH COMPETITION 2024
TEAM 6
ROJAK CATS

THE FUTURE OF THE SINGAPORE WORKFORCE IN 2050

INDIVIDUAL

- WORK-LIFE BALANCE
- TRANSFERRABLE SKILLS
- IMPROVED SOCIAL MOBILITY

ORGANISATIONAL

- * VERSATILE WORKERS
- * JOB SECURITY

NATIONAL

- ENHANCING SG's BUSINESS ATTRACTIVENESS
- VERSATILE WORKERS
- ATTRACTING FDI & FOREIGN COMPANIES

SOLUTIONS

- RISE of a NEW WORK CULTURE
- UTILISING NEW TECHNOLOGIES in UPSKILLING
- COLLABORATION BETWEEN SMEs

INCREASING DESIRE for WORK-LIFE BALANCE

RISE of AUTOMATION & AI

DECLINE IN APPEAL of LOCAL COMPANIES

Rojak Cats

Lee Kuan Yew School of Public Policy

Institute for GOVERNANCE and LEADERSHIP

RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE



They propose a future where civic
engagement drives organizational
change and workforce development.

Importance: This scenario is essential
as it ensures Singapore remains
competitive globally by fostering an
agile and skilled workforce capable of
meeting future challenges.



Team 7 Alpha Queenz

Team Alpha Queenz, with their vision on Ensuring Job Satisfaction in 2050.

Currently, economic stability concerns deter Singaporeans from pursuing passionate careers.



Team Members:

Shanen Zhang, Glenys Lian, Yew Shang Hong, Shaal Ang, Aqilah Sahernizam, Jaralle Lai

TEAM FOCUS
Ensuring Job Satisfaction in 2050

Team Alpha Queenz envisions a future where individuals have the autonomy to pursue meaningful careers without compromising economic stability.

SINGAPORE FUTURE
YOUTH COMPETITION 2024
TEAM 7 ALPHA QUEENZ

THE FUTURE OF JOB SATISFACTION by 2050

- ECONOMIC STABILITY
- INCLUSIVE WORK ENVIRONMENT
- FLEXIBLE WORKING ARRANGEMENTS
- PURSuing PASSIONS

ENSURING JOB SATISFACTION

SINGAPOREANS...
 97% SAY MEANING AT WORK IS IMPORTANT TO THEM
 48% SAY SALARY & JOB STABILITY ARE TOP PRIORITIES
 33% SAY WORK-LIFE BALANCE IS INCREASINGLY IMPORTANT
 80% ARE UNSATISFIED WITH THEIR MEANING AT WORK...

SOLUTIONS

- INTRA-INDUSTRY INTEGRATION
- INTRAPRENEURSHIP ENCOURAGEMENT
- WORK SUPPORT GROUPS

GIVE SINGAPOREANS OPPORTUNITIES TO FEEL FULFILLED IN THEIR CAREERS

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RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE



They propose supportive workplace environments and flexible work arrangements to enhance job satisfaction.

Importance: This scenario is significant as it promotes a workforce that is happier, more productive, and capable of sustaining long-term career satisfaction and personal well-being.



Team 8 Team Ate

Team Ate, presenting on The Future of Lifelong Learning in 2050.

With climate change and technological advancements shaping our world, continuous learning is crucial.



Team Members:

Caelyn Lee, Lim Cheng Zhan, Pia Talesara, Rachelle Chanh, Sofia Insyrah Sanusi, Natasha Koh, Mohamad Aadil Mohamad Abdillah

TEAM FOCUS
The Future of
Lifelong Learning in 2050

Team Ate envisions a future where lifelong learning supports self-sustainability and personal growth.

SINGAPORE FUTURES YOUTH COMPETITION 2024
TEAM 8 GROUP ATE

EMBRACE LIFELONG LEARNING AS A FUNDAMENTAL TOOL --
GROW, ADAPT & BE SELF-SUSTAINABLE

Solutions
GARDENS for ALL
PRACTICAL SKILLS BUILDING
REDUCE FOOD INSECURITY

BUILD UP YOUR COMMUNITY TO ADAPT TO FOOD SHORTAGES BROUGHT ABOUT BY CLIMATE CHANGE
MAKE UPSKILLING MANDATORY & COMPANY/GOVERNMENT SPONSORED
LEVERAGE TECHNOLOGY TO AUTOMATE TASKS, FREEING WORKERS TO PURSUE MORE MEANINGFUL ENDEAVORS

COVID-19 LED TO GLOBAL SUPPLY CHAIN SHOCKS
GLOBAL WARMING IS PROGRESSIVELY DISRUPTING AGRICULTURE
SINGAPORE IS VULNERABLE TO FOOD INSECURITY BECAUSE IT RELIES ON IMPORTS FOR NUTRITION
90%

LEAN INTO the RISE OF NEW TOOLS
MANDATORY CONTINUOUS LEARNING

RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE



They propose community-driven initiatives and upskilling efforts to prepare individuals for a changing job market driven by technology.

Importance: This scenario is critical as it ensures individuals remain adaptable and capable of thriving in a future marked by environmental changes and technological advancements.



Team 9

Victoria's Secret Angels

Victoria's Secret Angels, discussing Career Mobility in the Digital Age.

Technological change and job market unpredictability present challenges, especially for older workers.



Team Members:

Natalie Ong, Jeanne Clarissa Hartono, Tiffany Leong, Shandy Twan, Intan Qudwatun Hasanah Herman, Aung Moe Myint, Wayne Ng

TEAM FOCUS
Career Mobility in the Digital Age

Victoria's Secret Angels envision a future where technological solutions like AI and virtual trainers facilitate career transitions and enhance workforce adaptability.

SINGAPORE FUTURES YOUTH COMPETITION 2024
TEAM 9
VICTORIA'S SECRET ANGELS

CHALLENGES:
 - HARD for OLDER GENERATION to KEEP UP WITH TECHNOLOGY
 - CLIMATE CHANGE
 - STIGMA TOWARDS FREQUENT JOB CHANGES

THE FUTURE of CAREER MOBILITY in 2050
 - INCREASED FREQUENCY CAREER SWITCHES
 - CROSS-SECTOR MOBILITY
 - "I HAVE A JOB THAT I LOVE!"
 - the ART SCENE will THRIVE!

SOLUTIONS BUDGET 2050
 - INCREMENT of RE-EMPLOYMENT AGE
 - JOB TINDER - BRING a STRANGER to WORK!
 - AI VIRTUAL TRAINERS

Logos: Lee Kuan Yew School of Public Policy, Institute for GOVERNANCE and LEADERSHIP

RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE



They propose a future where individuals are employed based on skills and aptitude rather than traditional qualifications.

Importance: This scenario is crucial as it promotes inclusivity and ensures that all individuals, regardless of age or background, can participate and thrive in the evolving digital economy.

Team 10 BUN- -Stoppable

Team BUN-Stoppable, focusing on The Future Jobs and Employability in Singapore 2050.

Rapid technological advancements and climate change demand adaptable skills.



Team Members:

Garina Peck, Keira Oo, Rick Ang, Ethan Yap, Irsalya Juzaidy, Priscilla Loi, Natalie Tan

TEAM FOCUS
The Future Jobs and Employability in Singapore 2050

Team BUN-Stoppable envisions a future where workers develop flexible, transferable skills, supported by companies and resources.

SINGAPORE FUTURES YOUTH COMPETITION 2024
TEAM 10 BUN-STOPPABLE TEAM

THE FUTURE OF JOBS & EMPLOYABILITY in 2050

WORKERS DEVELOP FLEXIBLE, TRANSFERABLE & ADAPTABLE SKILLS

RESOURCES to SUPPORT UPSKILLING of WORKERS

AGEING POPULATION
ANTI-AGING PILLS

SOLUTIONS

- AGE BLIND HIRING
- RESEARCH & DEVELOPMENT
- AI ANALYSIS
- CAREER IMMERSION
- REMOTE-HYBRID WORKING

LUCRATIVE TECHNOLOGICAL ADVANCEMENT

CLIMATE CHANGE

GLOBALISATION

Lee Kuan Yew School of Public Policy

Institute for GOVERNANCE and LEADERSHIP

RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE



They propose initiatives to empower workers of all backgrounds to remain competitive in a rapidly evolving job market.

Importance: This scenario is essential as it ensures Singapore remains competitive by fostering a skilled and adaptable workforce capable of meeting future challenges head-on.



Team 11 Atlas of Home

Team Atlas of Home, presenting on
The Empowerment of Students in
Pursuing Continuous Learning.

Today's education often confines
learning to academic success rather
than personal interests and curiosity.



Team Members:

Puteri Rosli, Ji Yu Dan, Pauline Yoita Thiantania,
Henry Cha Yu Hang, Nusaybah Iqbaal,
Tan Zng Hiong, Daphne Koh

TEAM FOCUS

The Empowerment of Students
in Pursuing Continuous Learning

Team Atlas of Home envisions a future promoting
a culture of lifelong learning and personal growth,
emphasizing student autonomy in choosing
educational pathways aligned with their passions.

**SINGAPORE FUTURES
YOUTH COMPETITION 2024
TEAM 11
ATLAS of HOME**

**2050...
CONTINUOUS
LEARNING** ∞

**MORE INCLUSIVE THAN 'LIFELONG' AS
WE WANT TO INCLUDE THE YOUTH!**

**FREEDOM TO
CHOOSE WHAT
YOU STUDY!**

**DIFFERENT
MODES OF
LEARNING**

**ATLAS
VISION
PRO**

**TODAY:
UNENGAGED & STRESSED
STUDENTS WITH NO FREEDOM
OVER WHAT & HOW THEY LEARN**

**EMPOWERING
STUDENTS in
SINGAPORE to
PURSUE CONTINUOUS
LEARNING in 2050**

SOLUTIONS

**GOVERNMENTAL
POLICY**

**CORPORATE
INITIATIVES**

**GRASSROOT
MOVEMENTS**

**RE-IMAGINING OPPORTUNITIES,
WORK AND EDUCATION IN SINGAPORE**

Lee Kuan Yew School of Public Policy | Institute for GOVERNANCE and LEADERSHIP



They propose reducing societal
penalties for non-conventional
educational paths.

Importance: This scenario is critical
as it fosters a generation of innovative
thinkers capable of adapting to and
driving future societal changes
through continuous learning
and exploration.



Team 12 Pro Pals

Team Pro Pals, addressing Frontier Skill Acquisition for Workforce Transition.

There is currently a disconnect between academic qualifications and industry requirements.



Team Members:

Anu Sreekanth, Ang Howe Loon, Jivan Vetrivel, Siti Umairah Binte Mohd Rafique, Arina Hadirah, Kazumi Watanabe, Kevin Tan

TEAM FOCUS
Frontier Skill Acquisition
for Workforce Transition

Team Pro Pals envisions a future where skills-based education and career pathways emphasize industry-specific skills and holistic learning.

SINGAPORE FUTURES
YOUTH COMPETITION 2024
TEAM 12
PRO PALS

TODAY...
STUDENTS ARE WORRIED THAT THE CURRENT EDUCATIONAL SYLLABUS WILL NOT PREPARE THEM FOR FUTURE JOBS...

FRONTIER SKILL ACQUISITION

2050
MINISTRY of EDUCATION
↓ RENAMED TO... ↓
MINISTRY of SKILLS

- EMERGING INDUSTRIES
- CREATION OF NEW JOBS
- HIGH DEMAND for TRANSFERABLE SOFT SKILLS & INDUSTRY-SPECIFIC SKILLS
- NON-LINEAR CAREER PATH

SOLUTIONS

- INTEGRATING SOFT SKILLS into STUDENTS' CURRICULUMS
- STUDENT EXPOSURE to PROFESSIONALS in 'FUTURE' INDUSTRIES
- * WORKSHOPS
- * INTERNSHIPS

IKY
Lee Kuan Yew
School of Public Policy

Institute for
GOVERNANCE
and LEADERSHIP

RE-IMAGINING OPPORTUNITIES,
WORK AND EDUCATION IN SINGAPORE



They propose initiatives to redefine societal perceptions of job success and career progression.

Importance: This scenario is significant as it ensures individuals are prepared for diverse career opportunities and industry demands, fostering a dynamic and resilient workforce.



Team 13

Panda Gang

Panda Gang, presenting on The Future of Education in 2050.

Declining birth rates and climate change prompt a need for a cohesive education system.



Team Members:

Ethan Mock, Eesha Ramalingam, Hariiz Hozzaidi, Nurin Najwaa, Benjamin Ang, Chan Yong Jun, Muhammad Irfan Sudirman

TEAM FOCUS
The Future of Education in 2050

Panda Gang envisions an inclusive system integrating physical and digital learning environments, catering to diverse student needs and preparing them for a rapidly changing world.

SINGAPORE FUTURES YOUTH COMPETITION 2024

TEAM 13 PANDA GANG

Cool. Collected. Calm.

CHANGING ATTITUDES TOWARDS WORK & EDUCATION

PERCEPTION that LEARNING ENDS with a DEGREE / DIPLOMA

DIPLOMAS & DEGREES being PROXIES of SKILLS & KNOWLEDGE

THE FUTURE OF Tertiary Education IN 2050

SKILLS FOCUSED MINDSET

CHALLENGING the EXISTENCE of a DEGREE & DIPLOMA

PHYGITAL APPROACH

RESOURCE SHORTAGE

SOLUTIONS

MERGING of JC & POLYTECHNIC

STREAMING of CURRICULUM

PLVR (PERSONAL LEARNING) VIRTUAL REALITY

"Change is inevitable. It's the only constant."

Lee Kuan Yew School of Public Policy

Institute for GOVERNANCE and LEADERSHIP

RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE



They propose partnerships with industry and government to support technological advancements in education.

Importance: This scenario is crucial as it ensures equitable access to high-quality education, fostering innovation and creativity among students and preparing them for future challenges.



Team 14 1-Four-All

1 Four All, discussing Overcoming Discrimination in the Workforce Based on Education.

Workforce discrimination based on educational backgrounds limits job opportunities.



Team Members:

Jade Palimarmo, Aloysius Loo, Eiden Tan, Doaa Slassi, Ryan Choo, Jaspreet Kaur, Someshwaran Sokalingam

TEAM FOCUS

Overcoming Discrimination in the Workforce Based on Education

1 Four All envisions a future where talent is valued over traditional credentials, ensuring equal employment opportunities for all individuals regardless of educational background.

SINGAPORE FUTURES YOUTH COMPETITION 2024 TEAM 14 1-FOUR-ALL

1 FOUR ALL
Group 14's Pizza Toppings: Our diverse backgrounds

ABOUT 1 IN 5 (17%) SINGAPOREANS EXPERIENCE AGE DISCRIMINATION

THERE IS LIMITED PROTECTION AGAINST DISCRIMINATION

EDUCATION MINISTER CHAN CHUNG SING CALLED ON COMPANIES TO COMMIT TO HIRING, TRAINING & REWARDING WORKERS BASED ON SKILLS (NOT QUALIFICATIONS)

A MORE EQUITABLE WAY...

INCREASED AWARENESS of DISCRIMINATION

GOVERNMENT INITIATIVES & INDUSTRY WORKSHOPS to FIGHT DISCRIMINATION

FOCUS ON SKILLS
AI WON'T REPLACE WORKERS BUT COMPANIES WILL REPLACE WORKERS WHO DO KNOW AI

SOLUTIONS

- INCREASE AWARENESS**
- PROTECTION THROUGH GOVERNMENT POLICY**
- BACK-UP NEW INDUSTRIES**
- CAPACITY: FAIL OFTEN & FAIL FORWARD**

RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE



They propose initiatives to promote diversity and inclusion in the workplace.

Importance: This scenario is significant as it promotes a fair and inclusive job market where individuals are valued for their skills and contributions, thereby maximizing talent utilization and organizational effectiveness.



Team 15 Eduvators

Eduvators, addressing The Future of Cross-Industry Career Switches in 2050.

Mid-career transitions present challenges due to credential mismatches and the evolving job market.



Team Members:

Tobius Chua, Pan Guo Zeng David,
Danelle Kaylee Bacomo, Zainab Alisabri,
Ray Yap, Kok Yu Siang, Zuhrahnesa Niyas

TEAM FOCUS
The Future of Cross-Industry Career Switches in 2050

Eduvators envisions a future where technological innovations like VR aid in skill assessment, promoting aptitude-based recruitment and reducing barriers to entry.

**SINGAPORE FUTURES
YOUTH COMPETITION 2024
TEAM 15
The EDUVATORS**

CAREER SWITCHING - IN 2050 -

TAP ON **AR+VR** TO SMOOTHEN CAREER TRANSITIONS WITH BITE-SIZED IMMERSIONS

SEAMLESS TRANSITIONS

DECREASED SKILL BARRIERS

TRY A VARIETY OF JOB ROLES

UPSKILL

VAST NETWORKS

SHARE FEEDBACK & INSIGHT TO ADDRESS SKILL MISMATCH

SOLUTIONS

GREATER NETWORK OPPORTUNITIES

- DIRECT RECRUITMENT
- INTEGRATION WITH MYSKILLSFUTURE

ACCESS TO MENTORS

USERS SHOULD GIVE FEEDBACK TO OPTIMISE THE INITIATIVE

PRACTICE! BE INFORMED!

GOVERNMENT TO FOSTER PARTNERSHIPS WITH INDUSTRY PARTNERS, VR DEVELOPERS TO CO-DEVELOP & CO-FUND

RISE of VR TECH
ADVANCEMENTS IN LEAPS & BOUNDS in EXPERIMENTAL TECH

- EYE TRACKING
- HAND TRACKING
- HIGHER RESOLUTION
- AUTO INTER-PUPILLARY DISTANCE ADJUSTMENT
- POSITIONAL TRACKING

CAREER SWITCHING IS BECOMING MORE PREVALENT

RE-IMAGINING OPPORTUNITIES, WORK AND EDUCATION IN SINGAPORE

Lee Kuan Yew School of Public Policy | Institute for GOVERNANCE and LEADERSHIP



They propose a future where individuals are empowered to pursue diverse career paths.

Importance: This scenario is critical as it promotes career mobility and lifelong learning, ensuring individuals can thrive in a dynamic job market characterized by technological advancements and industry shifts.



Thanks to our Partners

We would like to extend our gratitude to teachers and staff from the following institutions for their support during our Singapore Futures Youth Competition 2024:

The support from these institutions as well as other partners from private and public organisations were instrumental in shaping the successful outcomes of our competition.

We look forward to the continued collaborations and support from our partner organisations in our future competitions and programmes.



1. Anglo Chinese Junior College
2. Dunman High School
3. Global Indian International School
4. Hwa Chong Institution
5. Institute of Technical Education College Central
6. Institute of Technical Education College East
7. Madrasah Aljunied Al-Islamiah
8. Madrasah Alsagoff Al-Arabiah
9. Millennia Institute
10. Nanyang Polytechnic
11. National Junior College
12. Ngee Ann Polytechnic
13. Raffles Institution
14. Republic Polytechnic
15. River Valley High School
16. Singapore Polytechnic
17. St Andrew's Junior College
18. Tampines Meridian Junior College
19. Temasek Junior College
20. Temasek Polytechnic
21. UWCSEA Dover
22. Victoria Junior College
23. Yishun Innova Junior College

About the Institute for Governance and Leadership (IGL)

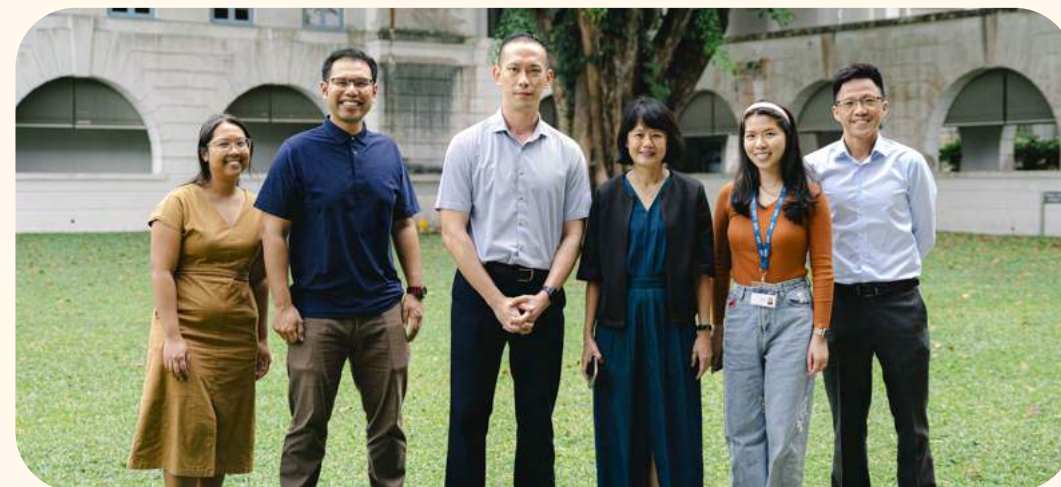


Lee Kuan Yew School of Public Policy,
National University of Singapore

The Institute for Governance and Leadership (IGL) was established in January 2024 as a department under the Lee Kuan Yew School of Public Policy, National University of Singapore. The Institute's mission is 'to improve governance in Asia by educating the next generation of Asian leaders in public service and beyond'. IGL builds on the good foundations of the School which already has an outstanding slate of academic Masters programmes and short executive education programmes.

As the practice-oriented arm of the School, IGL is dedicated to consolidating and delivering advanced leadership initiatives in public policy and governance, as well as fostering practitioner-focused writing and use of case studies.

The focus is on national and regional governance (not specific policies, tools or methodology), and to equip senior leaders with the relevant insights and perspectives on how to transform the governance approaches and public administration systems in their respective countries and organizations.



'To improve governance in Asia by educating the next generation of Asian leaders in public service and beyond'.

The Institute also inherited several existing programmes that are in line with its mission. These comprise programmes for political leaders (parliamentarians, mayors, or ministers), public officials, and C-suite leaders.

One such programme is the Lee Kuan Yew Senior Fellowship in Public Service (SFPS) programme. It is a leadership milestone programme that helps prepare senior public officials for the highest leadership appointments in public service.

Another flagship programme is the Indonesian Mayors Programme, which is funded under the Low Tuck Kwong Foundation 'Advance Asia Leadership Fund'.

In time, the Institute will progressively look into extending similar capability building initiatives to senior public officials from the rest of ASEAN.

Singapore Futures Youth Competition ²⁰²⁴

Thank You!



18 TO 21 JUNE 2024

Re-imagining Opportunities:
Work and Education in
Singapore 2050

Organised by the Institute for
Governance and Leadership

Lee Kuan Yew School
of Public Policy