

For enquiries:

Jeremy Sun

9782 7017

jeremy.sun@orcadesign.net

orcades:gn

a people-centric, insight-driven strategic design and innovation consultancy with over 30 years of experience crafting impactful and purposeful solutions

About Us

Awards

Our work has gained **local and international recognition** such as the President's Design Award (Design of the Year), Red Dot Design Award Best of The Best, Good Design Award Japan Best 100, Geneva Inventions Gold Award, Universal Design Award, IF Product Design Award, IDEA Finalist, Re:Vision Award.



reddot



product design award



INTERNATIONAL DESIGN EXCELLENCE AWARDS '18



SINGAPORE GOOD DESIGN



GOOD DESIGN



universal design award



SINGAPORE INVENTION AWARDS



SHKDA



CES



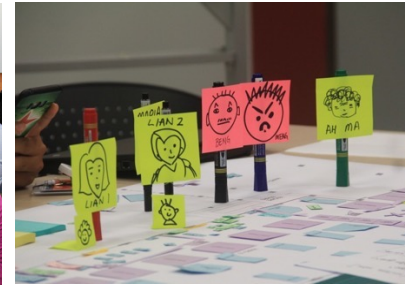
SINGAPORE DESIGN AWARD

Credentials

- **Team Expertise:** We are a team of diverse background and expertise, comprising strategists, researchers, innovators, designers and engineers.
- **Industry Experience:** We have conducted Design Thinking programmes and workshops for companies and organisations, from government agencies, MNCs, SMEs, start-ups, educational institutions, to the public. Our lead Design Thinking consultant has over 20 years' experience teaching creativity and design at various educational institutes (e.g., NYP, NUS, NTU)
- **Official Appointments: (past and present)**
 - DSG (DesignSingapore Council) Learning By Design: approved Design Thinking consultant, Real World Co-design Platform.
 - IMDA PIXEL: Appointed Design Thinking Consultancy for the Open Innovation Programme (OIP) and DT workshops provider.
 - DSG: approved Design Thinking consultant for the Frame and Scope Programme.
 - raiSE (Singapore centre for Social Enterprise): appointed Design Thinking consultant for LeapForGood programme and implementation partner for the Grow B.I.G program.

Our Unique Selling Points

- In-depth knowledge of Design Thinking methodology and extensive experience in guiding organisations to adopt Design Thinking mindset and approach, facilitating problem-framing and solution-validation processes, with tailored toolkits and hands-on practices.
- Expansive cross industry project experience and cross-disciplinary collaborations, covering product, digital, and spatial design.
- Special focus in healthcare research and innovation, especially in inclusivity for ageing and eldercare, and sustainability.



Notable Projects



Design Thinking & Innovation for Smart Eldercare | IMDA

Participants in a month-long Design Thinking and innovation program addressed eldercare challenges, developing user-centered tech solutions, with some proceeding to trials in eldercare facilities. A toolkit supported learning, with ongoing coaching. Solutions were validated through direct elderly user feedback. This immersive experience fostered practical application of Design Thinking principles, enhancing both participant skills and potential solutions for real-world impact.



Ward of Future | Alexandra Hospital

We led the research, visioning, and design of Singapore's future hospital wards, prioritising adaptability to evolving healthcare landscapes, patient profiles, and technology. Emphasizing innovation and design thinking, Alexandra Campus served as a test-bed for pioneering care solutions. Successful pilots implemented in the wards were scaled nationwide. Design Thinking ensured the wards met current and future stakeholder needs, inspiring future care delivery.



Designathon | DesignSingapore Council

Our ethnographic study focusing on the elderly and technology contributed significantly to the materials used in Designathon, the nation's inaugural national design marathon. During this event, 170 participants divided into 33 teams crafted solutions aimed at enhancing the quality of the aging experience. Additionally, we hosted masterclasses covering product design, user experience, and digital experience for various audiences.



Real World Co-Design Platform | James Dyson Foundation

In partnership with James Dyson Foundation, we designed and led a Design Thinking programme where secondary school students and parents unite to tackle the challenge of making public spaces and facilities inclusive. This endeavour provided a platform for them to collaborate on practical problem-solving through a design-centric approach.

Packages (Summary)

Package Focus Area (below)	Each package is designed for a distinct learning objective tailored to various stages of design thinking and/or leadership development, with each tier increasing in duration and commitment level.		
A: Design Thinking for School Programmes and School Improvement	A1: Explorers	A2: Innovators	A3: Masters
	<ul style="list-style-type: none"> • Design Thinking – Empathise & Frame Workshop • Total Hours: 8h • Up to 50 participants • Total Cost: \$29,000* 	<ul style="list-style-type: none"> • Design Thinking – From Empathise to Ideate Workshop • Total Hours: 11h • Up to 50 participants • Total Cost: \$33,000* 	<ul style="list-style-type: none"> • Design Thinking – From Empathise to Prototype Workshop • Total Hours: 14h • Up to 50 participants • Total Cost: \$37,000*
B: Design Thinking for Educator Capacity Development	B1: Essentials	B2: Lite	B3: Plus
	<ul style="list-style-type: none"> • 1-day Foundation Workshop • Total Hours: 6h • Up to 50 participants • Total Cost: \$29,000* 	<ul style="list-style-type: none"> • 2-day Project-based Workshop • Total Hours: 12h • Up to 50 participants • Total Cost: \$34,000* 	<ul style="list-style-type: none"> • 3-day Open Collaboration Workshop. • Total Hours: 18h • Up to 50 participants • Total Cost: \$40,000*

***No pro-ration allowed and cancellation charges apply.**

Package A1: Design Thinking for School Programmes and School Improvement [Explorers]

Design Thinking – **Empathise & Frame** Workshop (8h)
Up to **50** participants in total

Description:

This package introduces design thinking principles, focusing on defining problem statements with insights. Students learn empathy, identify challenges within their school environment, and gain insights into the needs and perspectives of stakeholders.

What participants will learn:

- Basic principles of design thinking
- Identify and define challenges through observation and empathy
- Articulate problem statements with insights

Target audience:

Students, Educators

School level:

Secondary, JC and Pre-U

Package Price		\$29,000*	
No.	Description of Services	Specifications	Remarks
1	Understanding needs	Identification of School Needs and adaptation into programme	<ul style="list-style-type: none"> • 2 sessions of consultation • 1 report comprising observations and recommendations
2	Production of Standard Programme Materials	Includes: for 50 pax <ul style="list-style-type: none"> • Stationery and tools, printing of lesson materials, e.g., worksheets, references, certificates, posters, etc. • Awards (gifts), if applicable. • Total of 2h Train-The-Trainer (TTT) workshop, and 6h students' workshop 	Students workshop: Up to 50 pax TTT Workshop: Up to 10 pax
3	Actual Facilitation	Includes Senior and Junior Facilitators	
4	Venue	School to provide venue(s)	
5	F&B	Light refreshment/Snacks	
6	Project Reporting	Pre/post Surveys and Final Reports	<ul style="list-style-type: none"> • 1 pre-survey and 1 post-survey • 1 final report
7	Audit report	External audit of actual expenditure by practitioner	

***No pro-ration allowed and cancellation charges apply.**

Package A2: Design Thinking for School Programmes and School Improvement [Innovators]

Design Thinking – **From Empathise to Ideate** Workshop (11h)
Up to **50** participants in total

Description:

Building upon the foundational knowledge gained in Package A1 [Explorers], students will ideate solutions to address challenges within their school community.

What participants will learn:

- Reinforce understanding of design thinking principles learned in Package A1 [Explorers]
- Enhance ability to think critically and creatively to address challenges within school community
- Learn various ideation techniques to generate creative solutions to identified problems

Target audience:

Students, Educators

School level:

Secondary, JC and Pre-U

Package Price		\$33,000*	
No.	Description of Services	Specifications	Remarks
1	Understanding needs	Identification of School Needs and adaptation into programme	<ul style="list-style-type: none"> • 2 sessions of consultation • 1 report comprising observations and recommendations
2	Production of Standard Programme Materials	Includes: for 50 pax <ul style="list-style-type: none"> • Stationery and tools, printing of lesson materials, e.g., worksheets, references, certificates, posters, etc. • Awards (gifts), if applicable. • Total of 2h Train-The-Trainer (TTT) workshop, and 9h students' workshop 	Students workshop: Up to 50 pax TTT Workshop: Up to 15 pax
3	Actual Facilitation	Includes Senior and Junior Facilitators	
4	Venue	School to provide venue(s)	
5	F&B	Light refreshment/Snacks	
6	Project Reporting	Pre/post Surveys and Final Reports	<ul style="list-style-type: none"> • 1 pre-survey and 1 post-survey • 1 final report
7	Audit report	External audit of actual expenditure by practitioner	

***No pro-ration allowed and cancellation charges apply.**

Package A3: Design Thinking for School Programmes and School Improvement [Masters]

Design Thinking – **From Empathise to Prototype Workshop (14h)**
Up to **50** participants in total

Description:

Students will transform their concepts into tangible prototypes, exploring design possibilities and refining their solutions based on feedback and iteration.

What participants will learn:

- Deepen understanding of design thinking methodologies, building upon knowledge gained in Package A1 [Explorers] and Package A2 [Innovators]
- Create prototypes to visualise and test their solutions
- Understand importance of iteration and refinement in the design process through prototyping and testing

Target audience:

Students, Educators

School level:

Secondary, JC and Pre-U

Package Price		\$37,000*	
No.	Description of Services	Specifications	Remarks
1	Understanding needs	Identification of School Needs and adaptation into programme	<ul style="list-style-type: none"> • 2 sessions of consultation • 1 report comprising observations and recommendations
2	Production of Standard Programme Materials	Includes: for 50 pax <ul style="list-style-type: none"> • Stationery and tools, printing of lesson materials, e.g., worksheets, references, certificates, posters, etc. • Awards (gifts), if applicable. • Total of 2h Train-The-Trainer (TTT) workshop, and 12h students' workshop 	Students workshop: Up to 50 pax TTT Workshop: Up to 20 pax
3	Actual Facilitation	Includes Senior and Junior Facilitators	
4	Venue	School to provide venue(s)	
5	F&B	Light refreshment/Snacks	
6	Project Reporting	Pre/post Surveys and Final Reports	<ul style="list-style-type: none"> • 1 pre-survey and 1 post-survey • 1 final report
7	Audit report	External audit of actual expenditure by practitioner	

***No pro-ration allowed and cancellation charges apply.**

Package B1: Design Thinking for Educator Capacity Development [Essentials]

1-day Foundation Workshop (6h)

Up to **50** participants in total

Description:

This package offers educators an essential foundation in design thinking, introducing key concepts and methodologies to inspire innovation in education.

What participants will learn:

- Develop foundational understanding of design thinking principles, including empathy, ideation, prototyping, and testing.

Target audience:

Educators

School level:

Secondary, JC and Pre-U

Package Price		\$29,000*	
No.	Description of Services	Specifications	Remarks
1	Understanding needs	Identification of School Needs and adaptation into programme	<ul style="list-style-type: none"> • 2 sessions of consultation • 1 report comprising observations and recommendations
2	Production of Standard Programme Materials	Includes: for 50 pax <ul style="list-style-type: none"> • Stationery and tools • Printing of lesson materials, e.g., worksheets, references, certificates, posters, etc. • Awards (gifts), if applicable. 	
3	Actual Facilitation	Includes Senior and Junior Facilitators	
4	Venue	School to provide venue(s)	
5	F&B	Light refreshment/Snacks	
6	Project Reporting	Pre/post Surveys and Final Reports	<ul style="list-style-type: none"> • 1 pre-survey and 1 post-survey • 1 final report
7	Audit report	External audit of actual expenditure by practitioner	

***No pro-ration allowed and cancellation charges apply.**

Package B2: Design Thinking for Educator Capacity Development [Lite]

2-day Project-based Workshop (12h)

Up to **50** participants in total

Description:

This package is designed for educators to deepen their understanding of design thinking concepts through structured learning activities and collaborative projects, focusing on practical application and skill-building in a supportive environment.

What participants will learn:

- Engage in structured project-based learning activities to address challenges in schools
- Develop confidence and skills needed to apply design thinking principles effectively within their educational contexts.

Target audience:

Educators

School level:

Secondary, JC and Pre-U

Package Price		\$34,000*	
No.	Description of Services	Specifications	Remarks
1	Understanding needs	Identification of School Needs and adaptation into programme	<ul style="list-style-type: none"> • 2 sessions of consultation • 1 report comprising observations and recommendations
2	Production of Standard Programme Materials	Includes: for 50 pax <ul style="list-style-type: none"> • Stationery and tools • Printing of lesson materials, e.g., worksheets, references, certificates, posters, etc. • Awards (gifts), if applicable. 	
3	Actual Facilitation	Includes Senior and Junior Facilitators	
4	Venue	School to provide venue(s)	
5	F&B	Light refreshment/Snacks	
6	Project Reporting	Pre/post Surveys and Final Reports	<ul style="list-style-type: none"> • 1 pre-survey and 1 post-survey • 1 final report
7	Audit report	External audit of actual expenditure by practitioner	

***No pro-ration allowed and cancellation charges apply.**

Package B2: Design Thinking for Educator Capacity Development [Plus]

3-day Open Collaboration Workshop (18h)

Up to **50** participants in total

Description:

This package empowers educators to elevate their expertise in design thinking and leadership, equipping them with the tools and knowledge to lead transformative change in education. Through an immersive and rigorous learning experience, participants will tackle complex challenges with creativity and innovation.

What participants will learn:

- Engage in open-ended collaborative projects with real-world implications, addressing multifaceted challenges
- Develop skills relevant to leading design thinking initiatives within their educational institutions

Target audience:

Educators

School level:

Secondary, JC and Pre-U

Package Price		\$40,000*	
No.	Description of Services	Specifications	Remarks
1	Understanding needs	Identification of School Needs and adaptation into programme	<ul style="list-style-type: none"> • 2 sessions of consultation • 1 report comprising observations and recommendations
2	Production of Standard Programme Materials	Includes: for 50 pax <ul style="list-style-type: none"> • Stationery and tools • Printing of lesson materials, e.g., worksheets, references, certificates, posters, etc. • Awards (gifts), if applicable. 	
3	Actual Facilitation	Includes Senior and Junior Facilitators	
4	Venue	School to provide venue(s)	
5	F&B	Light refreshment/Snacks	
6	Project Reporting	Pre/post Surveys and Final Reports	<ul style="list-style-type: none"> • 1 pre-survey and 1 post-survey • 1 final report
7	Audit report	External audit of actual expenditure by practitioner	

***No pro-ration allowed and cancellation charges apply.**

Rate Card

No.	Description of Services	Specifications	Unit of Measure	Price (S\$)	Remarks
1	Project Reporting	Pre/post Surveys and Interim & Final Reports	Per project	4,000	<ul style="list-style-type: none"> • Conduct of Pre/Post Survey • Submission of Interim and Final Report
2	Design Thinking (DT) Consultancy	Identification of School Needs and adaptation into programme	Per project	15,000	1 hour consultation with 2 design consultants
3	School Process Review	Consultancy services to review school processes	Per report	3,000	<ul style="list-style-type: none"> • 1 site visit + 1 initial consultation • 1 additional consultation session
4	School Programme Review	Consultancy services to review school programme	Per report	4,000	Unit cost represents a report to entail school current DT programme and alignment to proposed programme flow.
5	Updating of DT Curriculum Materials	Updating of lesson materials for school from existing materials.	Per set	5,000	Update up to 15% of the total material, which may include: <ul style="list-style-type: none"> • Syllabus • Lesson Plans • Related resources
6	Designing of new DT Curriculum Materials	Includes: <ul style="list-style-type: none"> • Syllabus • Lesson Plans • Related resources 	Per set	12,000	Design of 6(hours) of Teacher Professional Development (PD) course. Advisable to split into 2 or 3 sessions. Cater to maximum 50 teachers
7	Production of Standard Programme Materials	Includes: <ul style="list-style-type: none"> • Printing of workshop materials, e.g., worksheets, references, certificates, posters, etc. • Stationery and tools. • Awards, e.g., gifts, if applicable. 	Per set	3,000	Price for 50 pax
8	Internal Manpower Cost for Facilitation – Senior Speaker/ Facilitator	Includes: <ul style="list-style-type: none"> • Main facilitator for programmes • Main presenter for talks 	Per facilitator per hour	300	
9	Internal Manpower Cost for Facilitation – Junior Speaker/ Facilitator	Includes: <ul style="list-style-type: none"> • Support roles for programmes 	Per facilitator per hour	200	
10	External Manpower Cost for Facilitation – Senior Speaker/ Facilitator	Includes: <ul style="list-style-type: none"> • Main facilitator for programmes • Main presenter for talks 	Per facilitator per hour	400	
11	External Manpower Cost for Facilitation – Junior Speaker/ Facilitator	Includes: <ul style="list-style-type: none"> • Support roles for programmes 	Per facilitator per hour	250	
12	DT Project Mentoring	DT Mentor for specific projects	Per mentor per hour	250	
13	Audit report	External audit of actual expenditure by practitioner	Per report	2,000	