Boonyawee "Aireen" Piriyalertsak

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EDUCATION

Shrewsbury International School Bangkok | Year 13 | Expected Graduation: June 2027
A Level Predicted Grades: Art (A*), Business (A), English Literature (A), Psychology (A)
Additional Study: Extended Project Qualification (EPQ); Reading the World
AP: Psychology (4) | **Arizona State University**: MAT 170 Precalculus (A)

LEADERSHIP & INITIATIVES

Founder & Designer – ArtSense: The first tactile Thai art collection for visually impaired (VI) students **2025–Present**
• Make traditional Thai art more accessible to VI students through tactile patterns, raised textures, and Braille.
• Designed and tested five tactile Thai patterns in line with the Ministry of Education curriculum.
• Piloted at Bangkok School for the Blind; planned rollout to 15 schools nationwide via the Thai Blind Association
• Best Woman Inventor Awards, iCAN 2026 (Canada);
• 3rd Runner-Up (4th of 71 teams) & only High School winner, NCPD Inclusive Design Challenge"
• Trademark application filed (Thailand DIP, No. 260151678)

Co-Founder – Bokashi Thailand **2022–Present**
• Co-founded Bokashi Thailand to reduce food waste through Bokashi composting.
• Created Bokashi kits from repurposed food containers and wrote bilingual Thai–English illustrated composting guides.
• Distributed 400+ kits and booklets and led nine workshops across five schools, three restaurants, and two hotels.
• Estimated an annual reduction of approximately 24 tons of CO_2e, based on published research and project activity.
• Co-research Bokashi safety and effectiveness with Mahidol University lab and undergrad researchers.

Founder – Resonance of Siam **2023–Present**
• Raised $2,000 to commission 500 Khlui (Thai flutes) from local artisans.
• Donated Khlui and taught students at under-resourced schools across four regions of Thailand.
• Developed a Braille-adapted Khlui prototype and taught visually impaired students.
• Performed alongside HRH Princess Maha Chakri Sirindhorn at the Thailand Cultural Center.

Team Leader of Sensory & Head Graphic Designer – Empatheatre Thailand **2023–2025**
• Led a 40-member crew, including five blind students; recreated Thai myths and cultural narratives.
• Guided by a university professor; staged accessible performances for over 200 attendees.
• Led visual identity and graphic design, including logos, promotional materials, and digital content.
• Received media coverage and recognition from the Thai Blind Association.

Co-Founder – Child Aid Thailand **2024**
• Co-organized a Thai–Japanese charity concert that raised $31,000+ for the Thai Red Cross.
• Served as stage manager and production coordinator for a 50-member performance team, while also performing on stage as a vocalist.

Co-Founder – TakeCare App **2024–2025**
• Co-designed a caregiver mental-health app with built-in coping tools (meditation, scheduling).
• Collaborated with psychologists at Chulalongkorn Hospital.
• Presented at World Alzheimer's Day to 1,000+ participants; received an Honor Award from Chulalongkorn Hospital.

SCHOOL LEADERSHIP & CONTRIBUTIONS

Executive Prefect – Community Engagement Ministry **2026**
• One of six Executive Prefects selected from the Class of 2027; chairs prefect meetings with school administration.
• Leads projects connecting 1,000+ students with eight charity partners
• Organize House Charity Fair and Senior School Flood Response Fundraising, raising $4,500+
• Encourage student involvement in the school's charity work.

House Captain – Williams House **2025**
• Led students in inter-house performances, competitions, and school activities across a community of 1,000+ students.

Scholarships: **2023–Present**
• Music Scholar • Art Scholar

Choir / Orchestra / Harmonix / Rock Band **2018–Present**
• Performed in 100+ school and community performances.
• Mentored younger musicians and helped guide ensemble parts in Harmonix and Orchestra.

Drama & Musical Theatre **2024-Present**
• Shrek the Musical – Three Little Pigs / Fairy-Tale Creature *2026* • The Crucible – Court Ensemble *2025*
• We Will Rock You – Gaga Girl *2024*

Touch Rugby -Varsity Team Player; League Team A Captain **2021–2025**

RESEARCH & WORK EXPERIENCE

Student Research Assistant – AI Competency Research, Chulalongkorn University **2026**
• Assists Dr. Pinnaree Tea-Makorn's research team studying AI competency in Thailand.
• Helps translate research materials into Thai and supports pilot testing.

Creative Intern – Happy People Studio (Pomme Chan) **2026**
• Interned at Happy People Studio under Thai illustrator and designer Pomme Chan.
• Assisted with design development, preparation, and client projects for Swarovski, Pinara, and The Ritz-Carlton.

ACADEMIC ENRICHMENT & PRE-COLLEGE PROGRAMS

Northwestern University – Pre-College Program, Psychology: Inside Diagnosis and Treatment | **2026**
• Studied psychological diagnosis, mental health, and approaches to treatment.

Arizona State University – MAT 170: Precalculus | **2026**
• Completed independently alongside Year 13 studies; Final Grade: A.

Rhode Island School of Design (RISD) – Pre-College Program | **2025**
• Completed an intensive five-week studio art program.

School of the Art Institute of Chicago (SAIC) – Pre-College Programs | **2023,2024**
• Studied water-based painting, oil painting, and drawing.

Brown University – A Cappella Workshop | **2025**
• Participated in an a cappella workshop and performed in a charity concert that raised over $32,000.

DESIGN & CREATIVE PRACTICE **2022–Present**

Head Graphic Designer – Empatheatre Thailand
• Led visual identity and social media design, creating logos, promotional materials, and digital content.

Graphic Designer – Social & Community Initiatives
• Created visual identities and digital content: Bokashi Thailand, UpSoils, Child Aid, Empatheatre, and Resonance of Siam.

Backstage & Props Designer – The Witches
• Designed and produced props and promotional materials for the school drama production.

ART AWARDS & EXHIBITIONS

• **Art Speech Day Prize – Top Art Performance in Cohort** | *2024, 2025, 2026*
• **Invited Honors Artist – "Art by the River,"** MOCA Art Exhibition, Four Seasons Hotel Bangkok | *2025*
• **Winner – SHB Christmas Card Design Competition** | *2019, 2021, 2023, 2025*
• **Winner – SHB Inktober Art Competition** | *2021–2024*