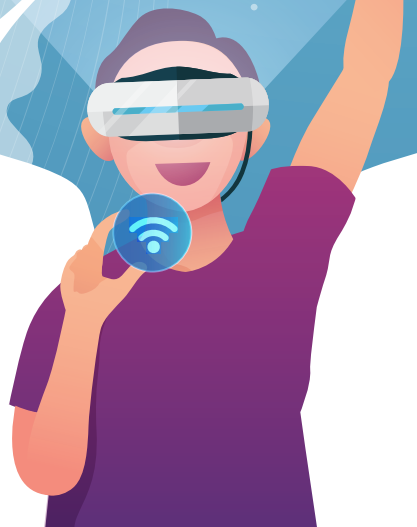







The White Paper on Gifted and Talented Education

Medium and Long-term Development Plan (2021-2026)



-  *Blooming Talents*
-  *Enhancing Wisdom*
-  *Leading the World*

I. Vision and Goals

1. Vision: "Blooming Talents, Enhancing Wisdom, and Leading the World"

The White Paper on Gifted and Talented Education--Medium and Long-term Development Plan (2021-2026), as released by the Taipei City Government, focuses on cultivating prospective high-quality talents in various fields with "professional knowledge, digital literacy, self-directed learning, interdisciplinary innovation, leadership, healthy personality, humanistic concern, and global horizon". Through various action plans, as well as comprehensive and diversified promotion projects, it is expected that the gifted education in Taipei will achieve the vision of "Blooming Talents, Enhancing Wisdom, and Leading the World".



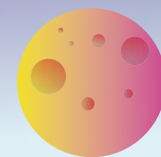


2. Goals

To achieve the above vision, the Taipei City Government sets the goals of gifted education for 2021-2026, as follows:

- (1) Deepen the cultivation and guidance of multiple talents, and provide a stage for students to showcase their diverse talents.**
- (2) Improve the professional quality and professional development of gifted education teachers, and support interdisciplinary innovation in curriculum instruction.**
- (3) Improve the teaching environment and quality of gifted education, and increase the efficacy of gifted education.**
- (4) Combine cross-border and international resources of gifted education, and enhance abundant energy for leading the world.**





II. Action Plans

In order to achieve the promotion vision and goals of *The White Paper on Gifted and Talented Education--Medium and Long-term Development Plan (2021-2026)*, eight action plans are proposed based on the analysis of the current situation and future direction of gifted education in Taipei City. These action plans are continuously revised according to the actual implementation status. The purpose and key work items and content of each plan are described, as follows.



Consolidate Organizations and Upgrade E-learning Environment

(I) Purpose

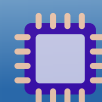
1. Increase the number of art professional seats in the Special Education Advisory Committee and strengthen the organization of gifted education.
2. Review and modify the allocation of gifted education resources to maximize the benefit of resources.
3. Enrich the smart teaching environment for gifted education, and cultivate future innovative talents.

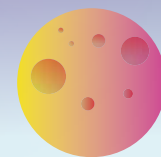




(II) Key Work Items and Content

- 1. Increase the number of art-gifted representative seats in the Special Education Advisory Committee:** increase the number of representatives specializing in art-gifted education in the Special Education Advisory Committee, and improve the quality of the development of gifted education.
- 2. Modify the allocation of gifted education resources:** the existing resources of gifted education should be comprehensively consolidated and adjusted or transformed to provide an innovative service model by considering the principles of regional balance according to the current situation of student identification and placement.
- 3. Improve the e-learning environment for gifted education:** make an e-teaching environment, equipment, and facilities of gifted classes, and subsidize the establishment of the smart teaching environment to facilitate an innovative curriculum development and students' learning.





Plan 2

Refine Gifted Identification Systems and Embrace Diversity

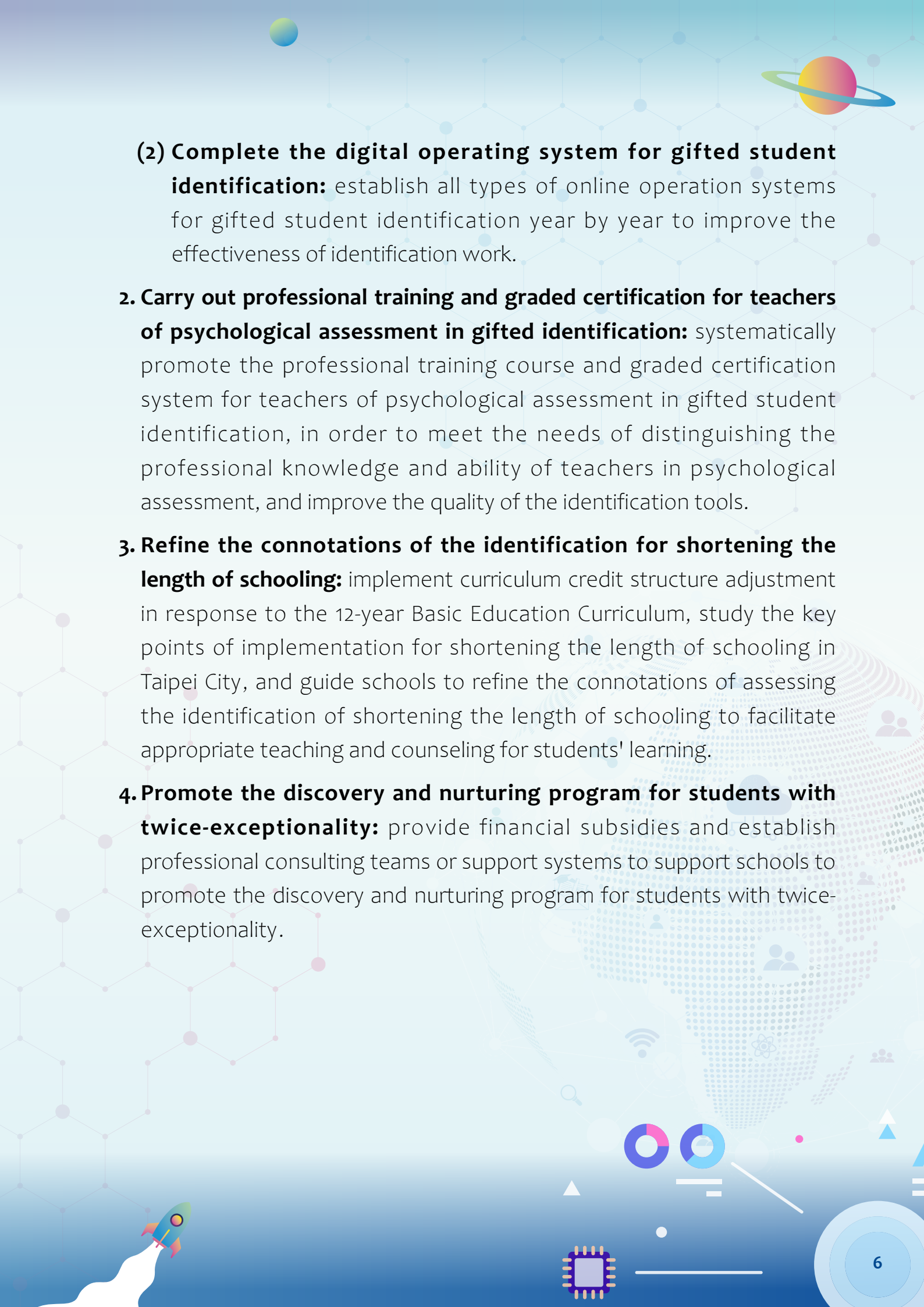
(I) Purpose

1. Complete the assessment tools and operation system for identifying gifted students to increase the efficacy of identification.
2. Carry out professional training and graded certification for teachers of psychological assessment to optimize the quality of identification.
3. Modify the identification of shortening the length of schooling to refine appropriate teaching and counseling accelerated students.
4. Actively discovering and nurturing twice-exceptional students to support talent development.

(II) Key Work Items and Content

1. **Complete the assessment tools and operation system** for identifying gifted students to increase the efficacy of identification.

- (1) **Promote the research and development of assessment tools for identifying gifted students in Taipei City:** review and revise the connotations of the self-constructed assessment tools for identifying gifted student in Taipei City to increase the reliability and validity of the assessment tools; plan or authorize the development of standardized or digital assessment tools for gifted student identification in Taipei City to meet the emerging technological trend.

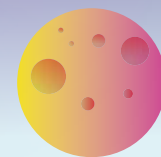


(2) Complete the digital operating system for gifted student identification: establish all types of online operation systems for gifted student identification year by year to improve the effectiveness of identification work.

2. Carry out professional training and graded certification for teachers of psychological assessment in gifted identification: systematically promote the professional training course and graded certification system for teachers of psychological assessment in gifted student identification, in order to meet the needs of distinguishing the professional knowledge and ability of teachers in psychological assessment, and improve the quality of the identification tools.

3. Refine the connotations of the identification for shortening the length of schooling: implement curriculum credit structure adjustment in response to the 12-year Basic Education Curriculum, study the key points of implementation for shortening the length of schooling in Taipei City, and guide schools to refine the connotations of assessing the identification of shortening the length of schooling to facilitate appropriate teaching and counseling for students' learning.

4. Promote the discovery and nurturing program for students with twice-exceptionality: provide financial subsidies and establish professional consulting teams or support systems to support schools to promote the discovery and nurturing program for students with twice-exceptionality.



Plan 3

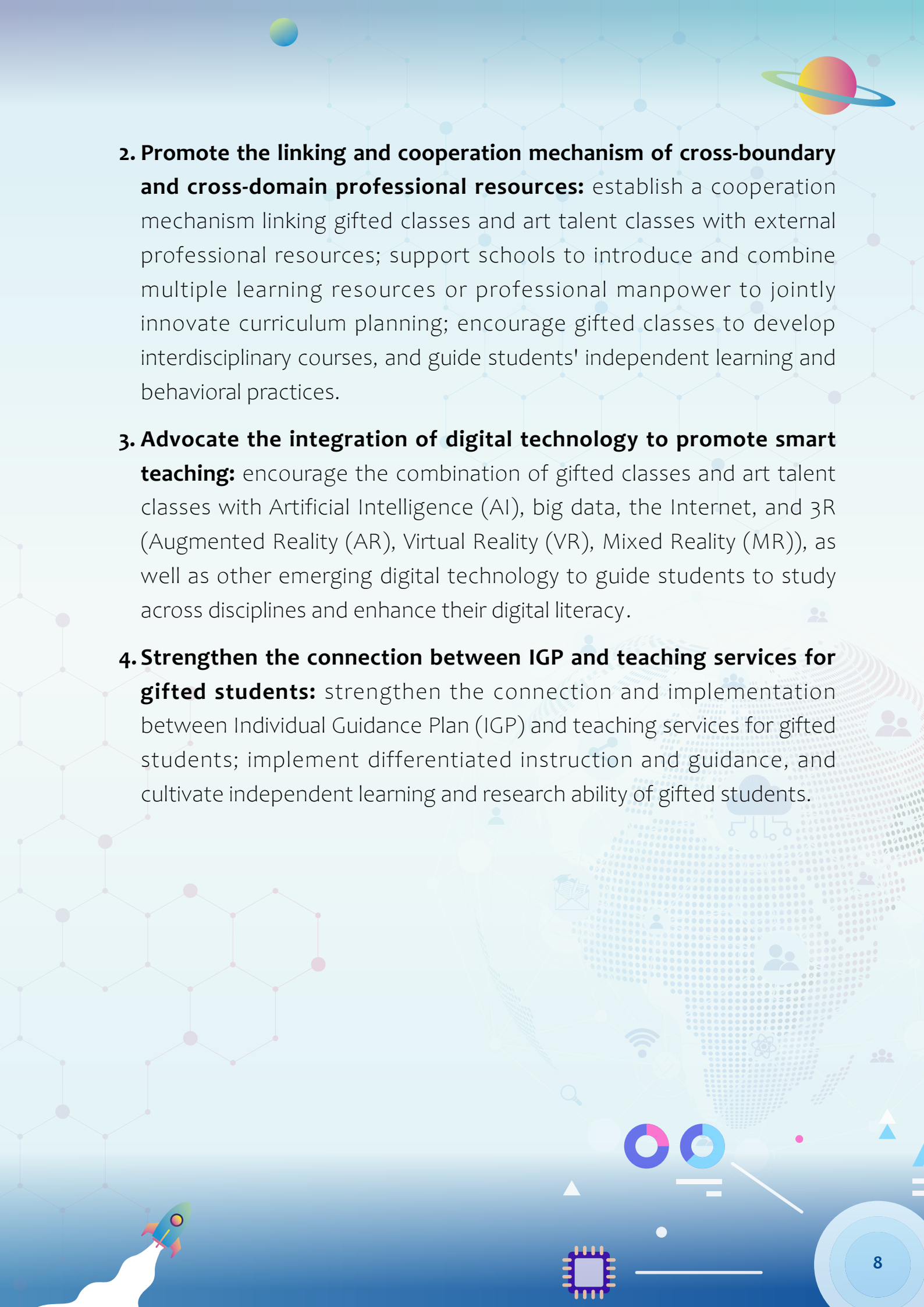
Differentiate Instruction and Achieve Interdisciplinary Innovation

(I) Purpose

1. Establish professional consulting teams for improving the quality of gifted curriculum and instruction.
2. Combine interdisciplinary professional manpower and teaching resources to innovate gifted curriculum development.
3. Construct a smart teaching environment with digital technology to cultivate gifted students' digital literacy.
4. Strengthen the connection of Individual Guidance Plan (IGP) and gifted program, and realize the ideal of differentiated instruction.

(II) Key Work Items and Content

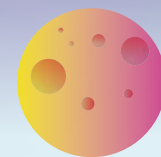
- 1. Establish professional consulting teams for gifted education to support school curriculum transformation:** establish professional consulting teams for gifted programs to assist the effective transformation; supporting gifted classes and art talented classes to meet the curriculum requirement of 12-year Basic Education Curriculum standards, and strengthen a systematic, coherent, and innovative curriculum.



2. Promote the linking and cooperation mechanism of cross-boundary and cross-domain professional resources: establish a cooperation mechanism linking gifted classes and art talent classes with external professional resources; support schools to introduce and combine multiple learning resources or professional manpower to jointly innovate curriculum planning; encourage gifted classes to develop interdisciplinary courses, and guide students' independent learning and behavioral practices.

3. Advocate the integration of digital technology to promote smart teaching: encourage the combination of gifted classes and art talent classes with Artificial Intelligence (AI), big data, the Internet, and 3R (Augmented Reality (AR), Virtual Reality (VR), Mixed Reality (MR)), as well as other emerging digital technology to guide students to study across disciplines and enhance their digital literacy.

4. Strengthen the connection between IGP and teaching services for gifted students: strengthen the connection and implementation between Individual Guidance Plan (IGP) and teaching services for gifted students; implement differentiated instruction and guidance, and cultivate independent learning and research ability of gifted students.



Individualize Guidance and Create Continuous Transition

(I) Purpose

1. Refine the connotations of emotional guidance for gifted students and improve their social caring attitude.
2. Strengthen the school-based tracking mechanism for graduates from gifted classes and make good use of school-based tracking results.
3. Improve the cross-stage connection and boost the efficacy of talent cultivation systems.

(II) Key Work Items and Content

- 1. Refine the connotations of emotional guidance for gifted students:** implement emotional guidance for gifted students in combination with the Social and Emotional Learning (SEL) Program to strengthen the cultivation of Social and Emotional Intelligence (SEI) for gifted students. Refine the contents of teaching in combination with the local service resource network and provide a practical field for students to develop their talents and social caring actions.
- 2. Strengthen the school-based tracking of students graduated from gifted classes and make good use of the tracking findings:** implement a school-based tracking and counseling mechanism for graduates from gifted classes, and make good use of the tracking results to enhance program progress and teaching cooperation.
- 3. Improve cross-stage connection and counseling services for gifted students:** plan and pilot cross-educational connecting and counseling programs for gifted students, and offer consulting services or enrich educational programs to facilitate good connection of talent development.

Plan
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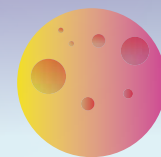
Strengthen Teacher Profession Development and Provide Diverse Support

(I) Purpose

1. Continue to strengthen the cultivation of qualified teachers for gifted education, and deepen the inheritance and exchange of teaching experience.
2. Expand the human resources available to special education teachers and improve the integration and utilization mechanism of teacher resources.
3. Strengthen professional development for gifted education teachers and optimize the operations of support systems.

(II) Key Work Items and Content

1. **Continue to strengthen the cultivation of qualified teachers for gifted education:** expand opportunities for pre-service teacher development and in-service teacher training, entrust teacher training universities to cultivate government-funded students to be gifted education teachers, set up gifted programs or credit classes, and discuss innovative teacher training models to continuously improve the rate of qualified teachers for gifted education in Taipei City.



2. Expand the human resources of special professional teachers, and improve the integration and application of teacher resources.

- (1) **Establish a human resources platform for external teachers of special professionals:** establish a Taipei City Contracted Special Professional Teachers Platform by integrating the resources of the professionals contracted by various schools, in order to promote the use and circulation of information regarding employment contract renewal and the selection of teachers.
- (2) **Establish a mentor pool of outstanding teachers in Taipei City:** establish a mentor pool of outstanding teachers in Taipei City, invite scholars and experts from various fields or senior teachers to serve as outstanding mentors, and assist schools to promote gifted education and provide learning guidance for gifted students.

3. Strengthen professional development for gifted education teachers

- (1) **Advocate the operation and achievement sharing of professional communities of gifted education teachers:** subsidize schools to set up school-based, cross-school, or cross-stage professional learning communities for gifted education teachers, and promote curriculum cooperation; organize symposia for sharing teaching, hold city-wide gifted education seminars or inter-school exchange activities for gifted education teachers, and share the community operation achievements and teaching features of gifted programs, in order to facilitate experience exchange and inheritance.
- (2) **Innovate the connotations and methods of professional empowerment for gifted education teachers:** plan and implement a series of empowerment studies, workshops, or online courses for gifted education teachers with reference to the emerging issues of international and local education, and help gifted education teachers stay abreast of the latest educational trends.

Plan
6

Integrate Resources and Expand Benefits

(I) Purpose

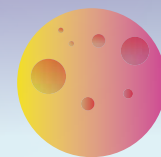
1. Enrich and integrate the resources of gifted education in Taipei City to increase the efficiency of resource utilization.
2. Optimize the functions of the gifted education resource platform and strengthen the circulation and utilization of resources.

(II) Key Work Items and Content

1. Enrich and integrate the resources of gifted education in Taipei City

(1) Enrich the e-learning resources of gifted education: enrich the contents of the gifted programs on the Taipei City Cooc-Cloud e-learning resource platform, open and share the gifted education resources; improve cloud e-learning resources and the online teaching environment, and guide gifted students to use digital resources to study independently.

(2) Expand the resources of non-governmental organizations and strengthen links: integrate the resources of International non-governmental organizations (INGO), Taiwan Non-Governmental Organizations (NGO), and social innovation institutions; establish resource links and cooperation mechanisms between schools and non-governmental organizations, in order to facilitate gifted students expanding their learning horizon and obtain opportunities to practice altruistic and mutually beneficial ideas.



(3) Integrate inter-office resources and promote cooperation:

integrate inter-office resources to provide presentations of course teaching or student learning outcomes to meet the practical needs of the gifted education teaching field.

2. Optimize the functions of the resource integration platform for gifted education

(1) Establish a resource integration and utilization mechanism for gifted education:

establish resource integration and a utilization mechanism to inventory the gifted education resources of each school, enrich and strengthen the function of the resource integration platform of Taipei City; advocate the concept of resource sharing and common prosperity, and encourage schools to develop cross-school or cross-stage alliances and cooperation, in order to make the best use of resources.

(2) Improve the visibility of gifted education outcomes in Taipei City:

optimize the function of the gifted education resource platform of Taipei City, and display the achievements of gifted education and the features of each school, in order to improve the dissemination of gifted education resources, information, and outcomes in Taipei City.



Plan
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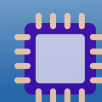
Advance Evaluation Systems and Promote Systematic Research

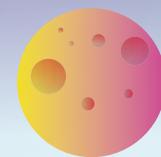
(I) Purpose

1. Innovate evaluation methods or mechanisms of gifted education to ensure the promotion quality of gifted education.
2. Advocate research and achievement promotion of gifted education, and strengthen the theoretical foundation of curriculum and instruction.
3. Promote systematic or integrated researches on gifted education, and strengthen empirical standard policy planning.

(II) Key Work Items and Content

- 1. Innovate evaluation methods or mechanisms of gifted education:** review the suitability of the current methods and indicators for gifted education in Taipei City, and adjust and make good use of digital online evaluation methods; establish professional consulting and tutoring teams for gifted education, and strengthen the promotion and guidance mechanism of gifted education in schools, in order to improve the substantial effectiveness of evaluation.
- 2. Advocate innovative research and achievement promotion of gifted education:** advocate school teachers or academic institutions to conduct projects or action research on the emerging issues of gifted education, the policy priorities of Taipei City, or the development of innovative curriculum modules, and strengthen incentives and the promotion of excellent research results.
- 3. Plan and promote systematic or integrated researches on gifted education:** in view of promoting the development or policy planning of Taipei gifted education, commission or collaborate with academic institutions to conduct systematic or integrated researches to strengthen the empirical basis for the policy planning or resource adjustment of gifted education in Taipei City.






Nurture Global Citizens and Lead the World

(I) Purpose

1. Enhance gifted students' international participation and cultivate their global perspective.
2. Integrate international exchange resources of gifted education and enhance the sharing and utilization of resources.
3. Expand cross-border cooperation in gifted education and promote international exchanges and interactions.
4. Encourage gifted students and teachers' international participation and publication to improve the international influence of Taipei.

(II) Key Work Items and Content

- 1. Enhance gifted students' international participation and global perspective:** conduct international education empowerment studies or workshops for gifted program teachers, develop and promote examples of international education curriculum, strengthen the content of the gifted programs in the international education curriculum, cultivate gifted students' global citizenship, enhance their ability to explore global issues and international communication, and cooperative learning and leadership.
- 2. Integrate international exchange resources of gifted education:** integrate the relevant information of school international exchange units and consultants, enrich the resources of international exchange



and the cooperation platform for gifted education in Taipei City, in order to promote international exchange resource sharing and experience inheritance, and make the best use of resources.

3. Expand international partnerships of gifted education: expand exchange and cooperation opportunities with international gifted education academic institutions and non-governmental organizations by combining the resources of Taiwan's academic institutions and non-governmental organizations, and cooperate in recommending teachers and students to participate in international gifted education programs or transnational gifted education research and academic exchanges; encourage schools to enter into partnerships with overseas units, sign a memorandum of understanding (MOU), and promote international exchanges through physical, online, and video channels.

4. Encourage gifted students and teachers' international participation and publication: select and subsidize gifted students and teachers to participate in international activities or publish international articles, and strive to host or cooperate with academic institutions to organize international gifted education seminars, contests, and exhibitions, in order to show the features of gifted education in Taipei City, as well as its research capacity, and enhance the international visibility and influence of gifted education in the world.



Taipei City Government
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