

Technology Education Key Learning Area: Technology and Living

Curriculum Framework of National Security Education (2025)

Introduction

This Curriculum Framework¹ illustrates in tabular form how learning in Technology and Living can be connected to related learning elements of national security education to facilitate the planning of the learning content of national security education in schools. Schools should integrate national security education into the curriculum planning and learning and teaching of this subject through “organic integration”, “natural connection”, “diversified strategies”, “mutual coordination”, “learning within and beyond the classroom” and “whole-school participation”. In addition, schools should also refer to the *Curriculum Framework of National Security Education in Hong Kong (2025)* and other relevant curriculum documents to implement national security education more effectively.

1. Overall Teaching Foci

Food Science and Technology strand

- 1.1 The Technology and Living curriculum teaches students the role of food in Chinese culture and the importance of preserving Chinese culinary culture through topics related to meal planning and food culture.
- 1.2 In the compulsory part, students learn about the principles and meal patterns of Chinese diets by studying everyday meals and various meal plans. In the elective parts “Food Culture” and “Food Product Development”, students learn about the relationship between traditional Chinese food and Chinese culture, explore the relationship between modern nutrition and traditional Chinese dietary practices and explore ways to develop products related to traditional Chinese food using advanced food technology.

¹ The content of this framework is set out in the form of examples. Schools should adopt or adapt the relevant suggestions based on students’ learning needs and abilities.

- 1.3 Students deepen their understanding and appreciation of Chinese culture by acquainting themselves with the characteristics and cultural elements of Chinese food culture and understanding the symbolic meaning of traditional Chinese food. When developing innovative ideas for traditional food products, students understand the role of food in preserving traditional Chinese values and the importance of maintaining Chinese cultural heritage. Through various learning activities, students' sense of identity and belonging to our country and the race will be enhanced, thereby strengthening their sense of responsibility for preserving Chinese culture.

Fashion, Clothing and Textiles strand

- 1.4 Through topics related to Chinese national costumes and the factors influencing fashion trends, students can understand the role of clothing in Chinese culture and the importance of preserving traditional Chinese culture.
- 1.5 In the elective part “Culture and Fashion Design”, students understand the symbolic meaning of certain features of Chinese national costumes, thereby appreciating traditional Chinese culture and realising the importance of cultural heritage and identity. Students explore how our country's long history of cultural and artistic development, as well as contemporary socioeconomic and technological development, influences the design concepts of Chinese fashion designers, and how they can take pride in our country's achievements in promoting fashion design with Chinese cultural characteristics.
- 1.6 In the elective part “Textiles and Textile Technology”, students explore how the textile industry can promote green transformation to safeguard national sustainable development.
- 1.7 Through various learning activities, students' sense of identity and belonging to our country and the race will be enhanced, thereby strengthening their sense of responsibility for preserving Chinese culture.

2. Learning Foci

Technology Education Key Learning Area: Technology and Living [Key Stage 4 (Senior Secondary)]		Curriculum Framework of National Security Education in Hong Kong (2025)
Learning Areas (Examples)	Learning Elements (Examples)	Related Learning Elements / Major Fields of National Security (Examples)
<p>Food Science and Technology strand</p> <p>Compulsory part:</p> <p>(b) 4. Diet and Meal Planning: daily family meals, social gatherings, festivals, etc.</p> <p>Elective part:</p> <p>(a) Food Culture</p> <p>1. Food heritage</p>	<ul style="list-style-type: none"> • Explore the role of food in family and society through Chinese ingredients, delicacies and festival foods • Identify specific features and examine factors contributing to the development of food culture in China • Examine the relationship between the health of Chinese people and their dietary habits and food choices, and suggest appropriate ways for improvement • Compare modern nutrition with traditional Chinese dietary regimens and explore how the two can complement each other in our diet, thereby promoting the integration of Chinese and Western medicine and inheritance of Chinese dietary culture 	<ul style="list-style-type: none"> • 4.3 Learn and recognise that safeguarding cultural security is a fundamental basis for maintaining national and ethnic unity, and national stability; and that equality and mutual learning among the cultures of different nations should be promoted • 4.5 Further understand and care about the achievements of our country in various aspects (e.g. society, economy, national defence, environment, diplomacy,

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Learning Areas (Examples)	Learning Elements (Examples)	Related Learning Elements / Major Fields of National Security (Examples)
<p>2. Factors contributing to the development of a food culture in local and global contexts</p> <p>3. Relation of food culture and health</p> <p>(b) Food Product Development</p> <p>3. Designing and developing food products</p>		<p>technology, healthcare, transportation and infrastructure), and have pride in our country's achievements</p> <ul style="list-style-type: none"> • Related major field of national security: Cultural Security
<p>Fashion, Clothing and Textiles strand</p> <p><i>Elective part</i></p> <p>(a) Culture and Fashion Design</p> <p>1. Cultural Value and Fashion</p>	<ul style="list-style-type: none"> • Understand the impact of Chinese culture and lifestyle on the design concepts of fashion trends and styles • Identify specific features and cultural elements from a wide range of national costumes of our country 	<ul style="list-style-type: none"> • 4.3 Learn and recognise that safeguarding cultural security is a fundamental basis for maintaining national and ethnic unity, and national stability; and that equality

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Learning Areas (Examples)	Learning Elements (Examples)	Related Learning Elements / Major Fields of National Security (Examples)
<p>2. Factors contributing to fashion trends in local and global contexts</p> <p>(b) Textiles and Textile Technology</p> <p>Latest Developments and Environmental Issues</p>	<ul style="list-style-type: none"> • Compare the impact of cultural beliefs, social and economic background and technological developments on the development of fashion in China and other places • Explore the development of green issues in the textile industry 	<p>and mutual learning among the cultures of different nations should be promoted</p> <ul style="list-style-type: none"> • 4.5 Further understand and care about the achievements of our country in various aspects (e.g. society, economy, national defence, environment, diplomacy, technology, healthcare, transportation and infrastructure), and have pride in our country's achievements • 4.9 Have a deeper understanding of the importance of the science

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Learning Areas (Examples)	Learning Elements (Examples)	Related Learning Elements / Major Fields of National Security (Examples)
		<p>and innovation and technology industries in our country and Hong Kong in safeguarding national security and promoting sustainable development</p> <ul style="list-style-type: none"> • Related major field of national security: Cultural Security

3. Suggested Learning and Teaching Activities (Examples) (Senior Secondary)

The following are merely examples. Teachers can design appropriate activities based on their school context and subject characteristics to promote national security education.

Food Science and Technology strand

✧ Classroom learning

- Develop festive foods / plan festive meals for specific markets. These festive foods / planned festive meals should reflect the essence of Chinese culinary culture, which help students understand how to safeguard cultural security in their daily lives
- Plan meals for individuals with special needs based on modern nutrition theories and Traditional Chinese Medicine (TCM) practices

✧ Extended learning activities

- Collaborate with Chinese History and Economics to explore the factors that led to the development of common/traditional foods or the eight Chinese cuisines, thereby strengthening students' national identity
- Teach students how to prepare traditional festive foods, allowing them to further understand the significance of preparing traditional foods, learn more about and identify with Chinese culture, and gain awareness of the importance of safeguarding cultural security
- Students visit primary schools or kindergartens for community service to share self-made traditional festive foods with primary school or kindergarten students and explain the symbolic meaning of the foods, allowing these students to experience the importance of cultural heritage

Fashion, Clothing and Textiles strand

✧ Classroom learning

- Drawing inspiration from national costumes, design and create fashion or artefacts with Chinese cultural elements for specific occasions or groups, thereby allowing students to understand how to safeguard cultural security in their daily lives
- Students collect fashion pieces that have “China-chic” design elements and explore how our country’s socioeconomic background and technological development influence fashion design concepts. This reflects the contributions of Chinese culture to fashion design and allow students to understand and appreciate the importance of Chinese culture and safeguarding cultural security

✧ Extended learning activities

- Collaborate with Chinese History and Visual Arts to explore the evolution of Chinese clothing across dynasties and periods, allowing students to gain an understanding of the richness of Chinese culture

✧ Visits

- Arrange for students to visit fashion designers’ studios to learn how they and other renowned fashion designers incorporate Chinese cultural elements and techniques into their designs, thereby allowing them to understand the influence of Chinese culture on global fashion trends
- Arrange for students to visit a textile industry research and development centre to learn about the development of recycling technologies, thereby allowing them to understand how innovative textile technologies contribute to the sustainable development of our country

Disclaimer:

- *In case of any discrepancy in the meaning of wording between the English text and the Chinese text, the Chinese text shall prevail.*