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Principal Report

# Career Technology Foundations: Division 3

RT Alderman School

Grades 7 - 9



learning | as unique | as every student



Calgary Board  
of Education



## Transition from Division 2 to Division 3

In **Grades 5 & 6**, students take the following courses:

- Core – ELA, Social Studies, Science & Math
- PE & Wellness – 60 min every other day (vs 30 min per day)
- Complementary – Music & Art

In **Grades 7-9**, students take the following courses:

- Core – ELA, Social Studies, Science & Math
- PE & Health – 60 min per day
- Complementary – CTF OR CTF & Band
- Art and Music are no longer mandated and they are replaced by CTF.

## Career and Technology Foundations (CTF)

As part of the Science Alternative Program, students rotate through CTF wheels.

***Unlike community schools, RTA students do not select option classes.***

Through CTF, students may plan, design, create, and implement solutions for relevant real-life problems. As students engage in hands-on challenges, they develop social, interpersonal, life, and work skills as well as practical knowledge about various industries, issues and technologies.

CTF also provides a foundation for students transitioning into Career and Technology Studies (CTS) in Grades 10 through 12.

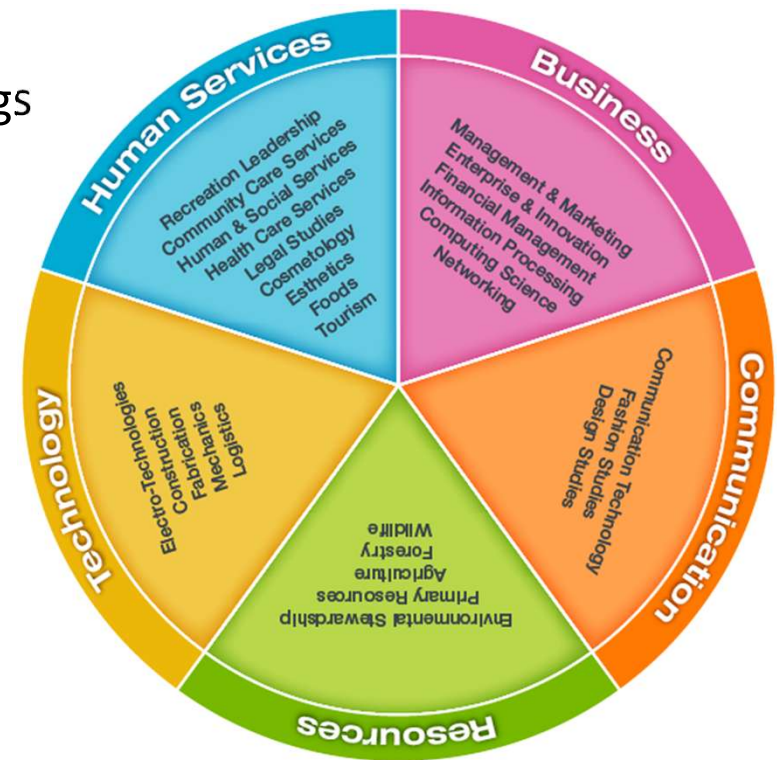




# Career and Technology Foundations

The CTF occupational areas are grouped into five clusters that represent occupational groupings found within industry:

1. Business
2. Communication
3. Human Services
4. Resources
5. Technology





## CTF & Band

- Band is the only option that students can choose to take or not to take at RTA.
- CTF is configured differently for each grade, as the number of modules are dependent upon the number of homerooms.
- For example, as there are four Grade 7 HRs next year, there will be four CTF modules
  1. Information Processing
  2. Fashion
  3. Communication Technology
  4. Business and Enterprise

\*These are example modules\*



## Gr. 7 Band Student Schedule

Semester 1: Aug 31– January 31		
Period	A Day	B Day
1	Math	Math
2	Science	Science
3	PE	PE
4	ELA	ELA
5	SS	SS
6	Band	Fashion

Semester 2: Feb 1- June 25		
Period	A Day	B Day
1	Math	Math
2	Science	Science
3	PE	PE
4	ELA	ELA
5	SS	SS
6	Band	Com Tech

*Students who take band cannot request specific modules, as students are required to follow their HR cohort due to 10 mandatory field experiences.*



## Gr. 7 NON-BAND Student Schedule

Semester 1: Aug 31– January 31		
Period	A Day	B Day
1	Math	Math
2	Science	Science
3	PE	PE
4	ELA	ELA
5	SS	SS
6	Info Proc	Fashion

Semester 2: Feb 1- June 25		
Period	A Day	B Day
1	Math	Math
2	Science	Science
3	PE	PE
4	ELA	ELA
5	SS	SS
6	Business	Com Tech

*Next year, in Grade 7, students will rotate through 4 CTF modules.*



## Gr. 8 Band Student Schedule

<b>Semester 1: Aug 31 – Dec 1</b>		
	A Day	B Day
1	Math	Math
2	Science	Science
3	PE	PE
4	ELA	ELA
5	SS	SS
6	Band	Est

<b>Semester 2: Dec 2 – Feb 26</b>		
	A Day	B Day
1	Math	Math
2	Science	Science
3	PE	PE
4	ELA	ELA
5	SS	SS
6	Band	Rec

<b>Semester 3: Feb 27 – June 25</b>		
	A Day	B Day
1	Math	Math
2	Science	Science
3	PE	PE
4	ELA	ELA
5	SS	SS
6	Band	Fab

*Next year, in Grade 8, students will follow a trimester schedule, rotating through 6 CTF modules.*



## Gr. 8 NON-BAND Student Schedule

<b>Semester 1: Aug 31 – Dec 1</b>		
	A Day	B Day
1	Math	Math
2	Science	Science
3	PE	PE
4	ELA	ELA
5	SS	SS
6	ELT	ESTHET

<b>Semester 2: Dec 2 – Feb 26</b>		
	A Day	B Day
1	Math	Math
2	Science	Science
3	PE	PE
4	ELA	ELA
5	SS	SS
6	CAR	REC

<b>Semester 3: Feb 27 – June 25</b>		
	A Day	B Day
1	Math	Math
2	Science	Science
3	PE	PE
4	ELA	ELA
5	SS	SS
6	LOG	FAB

*\* Example modules\**



## Grade 9 CTF Modules

Next year, in Grade 9, students will rotate through 5 different CONCENTRATED CTF Modules:

### Example NON-BAND Student Schedule

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5
Aug 31 – Oct 26	Oct 27 – Jan 4	Jan 5 – Mar 2	Mar 23 – May 3	May 4 – June 25
FOD	DES	ENS	FIN	CON



### Example Band Student Schedule

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5
BAND	DES	BAND	FIN	CON



### Optional Advanced Band Student Schedule

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5
BAND	DES	BAND	FIN	* BAND



## CTF Modules vs Traditional Options

A **CTF-based** middle school program:

- Keeps students in cohorts
- Rotates classes through experiences
- Emphasizes breadth and exploration
- Integrates experiential learning and field studies
- Uses flexible scheduling

A **traditional-based options** model:

- Has individualized student timetables
- Requires students to choose electives early
- Creates separate groups with different teachers
- Prioritizes specialization and preference selection

*At RTA students follow CTF Modules, as mandated by the Science Alternative Program.*