

## Manhajka Xisaabta Ontaariyo

Manhajka xisaabta Ontaariyo waxa loo habeeyey shan qaybood oo waaweyn oo aqoonta iyo xirfadaha ah. Shanta qaybood waa sidan soo socota: A. Barashada Shucuurta Bulshada, ee Xirfadaha Xisaabta iyo Haraaca Xisaabta; B. Tirada; C. Aljebra; D. Xogta; E. Dareenka Bannaan; F. Aqoonta Maaliyadda

### Rajada Manhajka

### Fikradaha Muhiimka ah

#### A. Barashada Shucuurta Bulshada iyo Xirfadaha Xisaabta

1. codso, inta karaankooda ah, xirfado waxbarasho oo shucuur bulsho oo kala duwan si ay u taageeraan
2. isticmaalkooda hababka xisaabta iyo waxbarashadooda ee la xidhiidha waxa laga filayo 5 qaybood oo kale ee manhajka xisaabta

*xalinta dhibaataada  
sababeyn  
caddaynaya  
ka tarjumaysa  
qalab*

*isku xirka  
la xiriirid  
matalaya  
doorashada  
xeeladaha*

*isgaarsiin  
fayoobid  
is og  
aqoonsiga  
wada shaqayn*

#### B. Tirada

1. tuus fahamka tirooyinka oo samee xiriiryo habka nambarada loo isticmaalo nolol maalmeedka
2. isticmaal aqoonta tirooyinka iyo hawlgallada si aad u xalliso dhibaatooyinka xisaabta ee nolol maalmeedka la kulmo

*bilyan  
jajab u siman  
jajabyo  
jajab  
jajab tobanle*

*tiroyin  
dhufasho  
12 lagu dhuftey 12  
lambarka  
boqolleyda  
qiimayaasha*

*afar geesood oo  
qumman  
tirooyin macquul ah  
xididdada laba  
jibbaaran  
xaqiiqooyinka isku  
dhufashada hantida  
saamiga*

#### C. Aljebra

1. aqoonso, sharax, kordhiso, abuur, oo samee saadaal ku saabsan qaabab kala duwan, oo ay ku jiraan kuwa laga helo xaaladaha nolosha dhabta ah
2. tuus fahamka doorsoomayaasha, tibaaxaha, sinnanta iyo sinnaan la'aanta, oo ku dabaq fahamkan xaalado kala duwan
3. xalliya dhibaatooyinka iyo abuuraan matalaad xisaabeed ee xaaladaha xisaabta isticmaalaya fikradaha codeing iyo xirfadaha
4. adeegso habka qaabaynta xisaabta si aad u matasho, u falanqayso, u samayso saadaal, oo aad u siiso aragti ku saabsan xaaladaha nolosha dhabta ah

*code  
jajab tobanle  
isla'egyada tobanlaha  
Ereyo badan  
variables*

*qaabaynta xisaabta  
tijaabada itimaalka  
qaababka  
xaliyo  
tirada oo dhan  
tibaaxaha*

## D. Xogta

1. maaraeeyaan, falanqeeyaan, oo isticmaalaan xogta si aad u samayso doodo lagu qanci karo iyo go'aamo xog ogaal ah, oo ku jira xaalado kala duwan oo laga soo qaatay nololsha dhabta ah

2. sharax suurtagalnimada in dhacdooyinku dhacaan, oo isticmaal macluumaadkaas si aad saadaaliso

*gorfaynta  
garaafyada goobada  
xogta  
dhacdo ku tiirsan  
kala duwanaansho  
dhacdo*

*baarista  
garaafyo  
dhacdo madax banaan  
ixtimaalka  
matalo*

## E. Dareenka Banaan

1. sharax oo matala qaabka, goobta, iyo dhaqdhaqaaqa adoo adeegsanaya sifooyanka joomatari iyo cilaqaadka meelaha si loo maro adunka ku hareeraysan

2. is barbar dig, quyaas, oo go'aami cabirada xaalado kala duwan

*aagga  
goobaabin  
wareega  
dhululubo  
dhexroorka*

*raadiyow  
ballaadhiso  
balaarin  
cabbir  
qaab  
saddex geesood*

*dhimid  
dareenka  
banaan  
bedka dhulka  
mugga  
sababeyn  
kartida*

## F. Akhriska Dhagaale

1. tuus aqoonta iyo xirfadaha loo baahan yahaynsi loo sameeyo go'aamo maaliyadeed oo xog ogaal ah

*xisaabaadka  
amaahashada  
doolarka Kanada  
Is barbar dhig  
macaamiisha  
kharashka  
maalgashiga*

*sarifka lacagaha  
khidmadaha  
yoolalka dhaqaalegoals  
akhriska dhagaale  
dulsaarka  
lacagaha caalamiga ah  
qorshe  
kaydin*

Adapted from *The Ontario curriculum, Grades 1-8: Mathematics (2020)*.

<https://www.dcp.edu.gov.on.ca/en/curriculum/elementary-mathematics/downloads>

TVO Learn Grade 7 Mathematics. (n.d.). <https://tvolearn.com/pages/grade-7-mathematics>