

Waihangahia he ataata whakaako ki Te utauta hopu mata.

Ko te hopu mata tētahi tino utauta ki te hāpai i te ako hanumi, arā te ako matarau me te whakatairanga i te rangatiratanga o te ākonga. Ka taea e ngā kaiako te whakamahi hopunga ā-mata ki te whakamārama i ngā tino ariā, te pānui i tētahi pukapuka tuihono, te tōai i ngā whāinga matua o te rā, te whakaatu i tētahi whakaaro, te tuku kōrero arotake ā-ataata, ā-oro rānei ki ngā ākonga e pā ana ki ā rātau mahi.

Ka taea e ngā ākonga te whakamahi i te utauta hopu mata ki te whakaatu i tā rātau i ako ai, ki te whakaoti rapanga, ki te tuku whakakiteanga, ki te hanga me te pānui i ngā ipukapuka, ki te whakaharatau i te pānui ā-waha hoki.

Mā ngā hopunga mata e āhei ai te ākonga ki te tohu i te wā, me te roa o tana ako ia te rā, ia te rā.

Kei Roto i te Ana

KATI X

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Auē! He kēhua! He kēhua!

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Ngā nuka hopu mata

He tino whaitake te hopu mata mēnā e hiahia ana koe ki te hopu i tō reo kōrero me te whakaatu i tētahi āhuatanga kei te mata o te rorohiko i te wā kotahi. Ko ngā ata, ngā pukapuka tuihono, ngā paetukutuku, ngā utauta tuihono, ngā panahiko rānei ētahi mahi ka taea hei tauira.

E whakaae ana te nuinga o ngā utauta kia tāmāu i tētahi ataata, ko koe te aronga, ki te kokona o tō mata rorohiko. Mā tēnei ka āhei ai te ākonga tana kaiako te kite nā reira ka whaiaro ake ngā āhuatanga o te ako, ā, ka rirā ake hoki te hononga i waenganui i te ākonga me ōna kaiako.

Ka eke angitu ngā hopunga mata mēnā ka kotahi miniti ki te toru miniti te roa, ā, ka kapi i te ariā kotahi i te kōrero kotahi rānei.



Te tiritiri i ō hopunga mata ki ngā ākonga

Kia oti i a koe tō ataata hopu mata te hanga me rokiroki ki tētahi wāhi kia pai ai ā ngā ākonga tiki atu ā tōna wā. Tērā pea e āhei ana ngā pūmanawa hopu ngā kōnae te tiaki aunoa i tō rorohiko, i tētahi tautukutuku, i Dropbox, i OneNote, i ngā kōnae Google Drive rānei. Ka rerekē ngā tautuhinga o tēnā utauta hopu mata i tēnā nā reira, me mātua whai māramatanga ki aua tautuhinga kia mārama ai koe ki hea tiakina ai ngā kōnae.

Kei te huhua o ngā utauta hopu mata ngā kōwhiringa ki te tukuatu i ngā ataata ki TiriAta (YouTube). Kia āhei te pēnei me whai koe i tētahi pūkete TiriAta. He pekanga te TiriAta o te kohinga Google heoi anō, ka māmā hoki te whakarite i tētahi pūkete.

E taea ana te whakarite i te taumata whakaaetanga mō ngā ataata ka whakairihia ki TiriAta. Anei ngā momo:

- Tūmatanui - koinei te momo e wātea ana kia kitea e te marea kei TiriAta. E whakaae ana hoki kia tiritiria ēnei ki a wai rānei, ā, ka kitea i ngā rārangi ataata, ina rapaina hoki.
- Tūmataiti (tautuhinga taunoa) - ka wātea tēnei momo ataata kia matakina e koe, e te hunga hoki nāu i tautapa. Torohia te hononga kei raro iho nei mō ētahi atu pārongo e pā ana ki te tiritiri tūmataiti.
- Matatapu - kāore tēnei momo e kitea i ngā rārangi ataata, e puta rānei ina rapaina heoi anō, ka wātea ki te tūmatanui mēnā he hononga hāngai tāu.

Tirohia te whārangi nei mō ētahi atu pārongo [Ngā tautuhinga tūmataiti mō ngā ataata ki TiriAta](#)



Ētahi utauta hopu mata

E rārangi mai ana ētahi tauira o ngā pūmanawa hopu mata kore utu kei ngā pūnaha whakahaere rerekē. Kia mōhio mai koe, he tauira ēnei kua whakarārangihiā hei tūhura māu, ehara i te taunakitanga.

Quicktime Player (Pūnaha Whakahaere Mac)

Whakamahia te QuickTime Player mō te hopu mata i te rorohiko Mac. Tēnā pāwhiria te “Kōnae - Hopunga Mata Hou (“File - New Screen Recording”). E taea ana hoki te whakahaere, te hopu, te takatā me te tiritiri i ngā kōnae oro, ngā kōnae ataata hoki ki tō rorohiko Mac me te Quicktime Player.

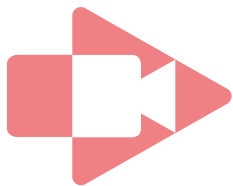
- [Te whakamahi i Quicktime Player](#)
- [Te hopu mata i tō rorohiko Mac](#)
- [Hopungia tō mata ki te Quicktime Player](#)

Xbox Game Bar (Pūnaha Whakahaere Windows)

He pūmanawa hopu mata kei te pūnaha whakahaere Windows 10 heoi anō kāore e mārama te kitenga. Ko Windows Xbox Game Bar te ingoa. Kia ea te whakamana o te pūmanawa nei, pēhi i ngā pātuhi “Windows + G” ki te whakahaere. Mā tēnei pūmanawa ka whai wāhi te kaiwhakamahi ki te hopu mata, te whiriwhiri i ngā tautuhinga kounga me te whakatau i te roa o ngā topenga ataata.

- [Te tiki i te Xbox Game Bar](#)
- [He atikara i tuhia ki Business Insider e pā ana ki te whakamahinga o te Xbox Game Bar](#)
- [Te whakakā, te whakaweti rānei i Xbox Game Bar i Windows 10](#)





Screencastify (He Tāpiritanga Google Chrome)

He tāpirita nga Google Chrome kore utu te Screencastify. Ka ngāwari te whakamahinga o tēnei momo me ngā taupānga Google, ā, ka rokirokitia ngā ataata kua hopukia ki tō puku Google. E taea ana te manomano hopunga mata rima miniti te roa te waihanga i tō pūkete kore utu.

- [Screencastify - He aratohu mā ngā pia](#)
- [Tūhuratia ngā rauemi ako Screencastify](#)
- [Te tikiake i Screencastify](#)



Te hopu mata iOS (te iPapa me te iWaea)

He taupānga hopu mata kei ngā iPapa me ngā iWaea. Ka whitake tēnei momo ki te whakaatu i ngā pūkenga iPapa me te whakaatu hoki ki ngā ākongā me pēhea te whakamahi i ētahi taupānga.

Hei uru ki te hopunga mata me tāpiri ki tō pū whakahaere (Tautuhinga>Pū Whakahaere>Whakahāngai Whakahaere - Settings > Control Center > Customize Controls). Ka kitea tō pū whakahaere i te wā kua whakamanahia (miria te mata i te kokonga matau o runga i te iPapa, mai raro rānei i te mata o te iWaea). Ka tiakina ngā hopunga i te taupānga Whakaahua (Photos).

- [Te hopu i te mata o tō iWaea, tō iPapa, tō iKano rānei](#)



Ngā utauta hopu Hui Ataata

E āhei ana te whakamahi i tō utauta hui ataata pēnei i Microsoft Teams, i Google Meet*, i Zoom hoki, ki te waihanga hopunga.

E whakaae ana te nuinga o ngā utauta hui ataata kia hopungia ngā hui ataata. Hei waihanga i tētahi hopunga mata me whakahaere hui, ko koe anake, ka tiritiria ai tō mata kātahi ka pēhi i te pātene hopu. Ka tāmautia tō whakaahua ki te mata heoi anō, ka iti te hanga.

* Me whakamana te āheinga hopu i Google Meet e te kaiwhakahaere. Ko tana noho weto te whakaritenga taunoa.