

Ayyukan ilimi

Wasan "Punctuwool"

Manufofin: Gane jihohin ruwa da bayyanar su a cikin al'amuran halitta daban-daban (shekaru 6 zuwa 9). Fahimtar ra'ayoyin canje-canje a cikin jihohin kwayoyin halitta, musamman karfafawa da haɓaka (daga shekaru 6 zuwa 9). Ku sani cewa yanayin ruwa na zahiri yana dogara ne akan yanayin waje, musamman yanayin zafinsa (daga shekaru 9 zuwa 12).

Kayan abu

- . 1 allo game
- . 1 wasan lido
- . Guda 9 wuyar warwarewa da goyan baya
- . 1 'yan tumaki'
- . Katunan tambaya 16

Dokokin wasan

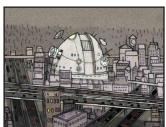
Punctuwool wasa ne na haɗin gwiwa game da zagayowar ruwa. Manufar wasan shine "tumakin girgije" ya kammala cikakken zagayowar ruwa (wato ya isa filin isowar hukumar wasan) kafin har sai da wuyar warwarewa gaba daya gaba daya.

Don yin wannan, kowane ɗan wasa yana mirgine mutuwa bi da bi kuma yana aiwatar da aikin da mutuwa ta nuna:

- . Fuskoki masu lambobi daga 1 zuwa 5, pawn yana haɓaka adadin murabba'i daidai a kan allo.
- . Fuskantar halin, mai kunnawa yana sanya guntun wasan wasa akan goyan baya.
- . Wasu murabba'ai a kan allo kuma suna kayyade ayyuka daban-daban:



Mirgine wasan allo kuma.



Matsar da sarari ɗaya.



Matsar da sarari uku.

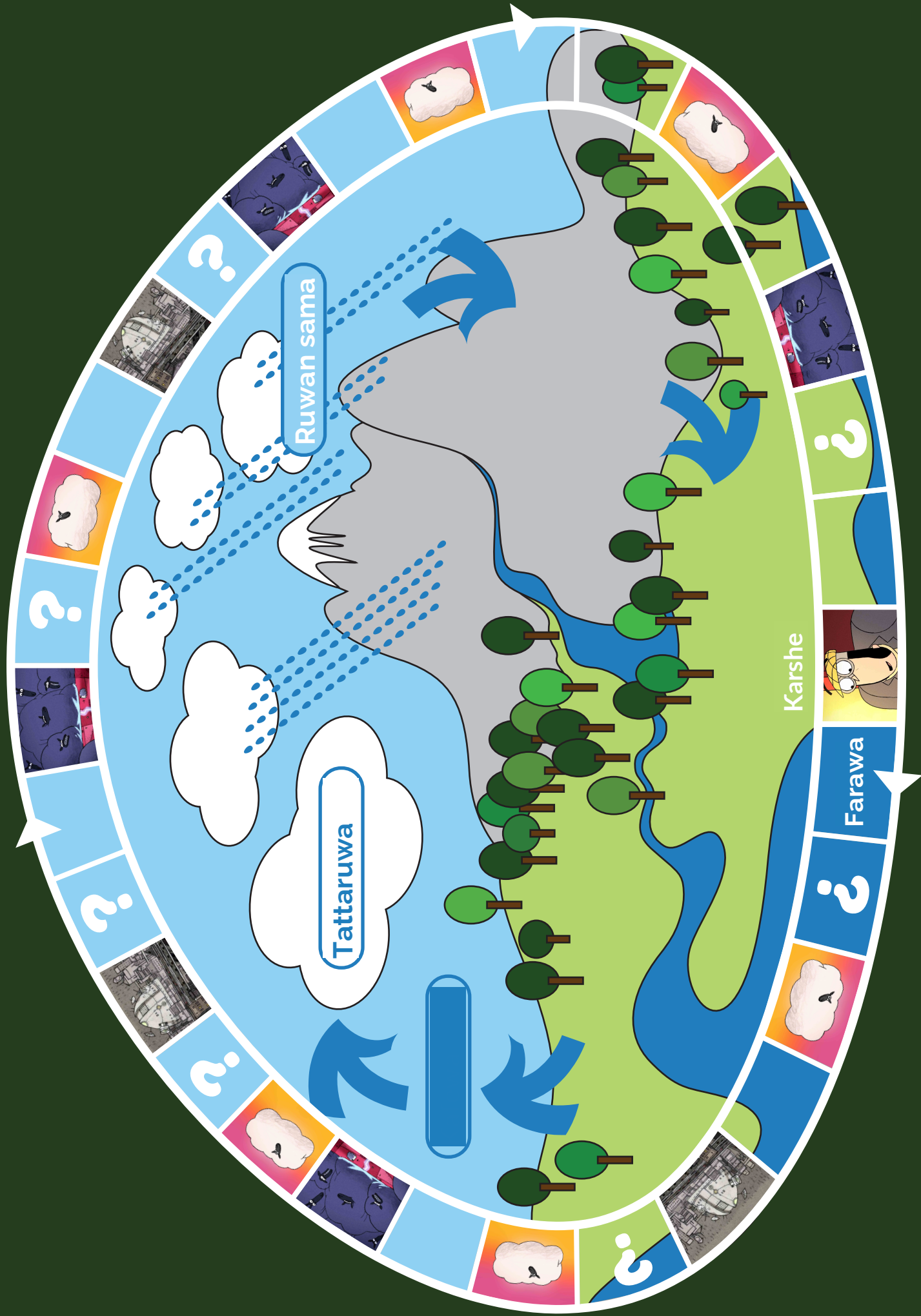


Zana kati daga bene kuma amsa tambayar.

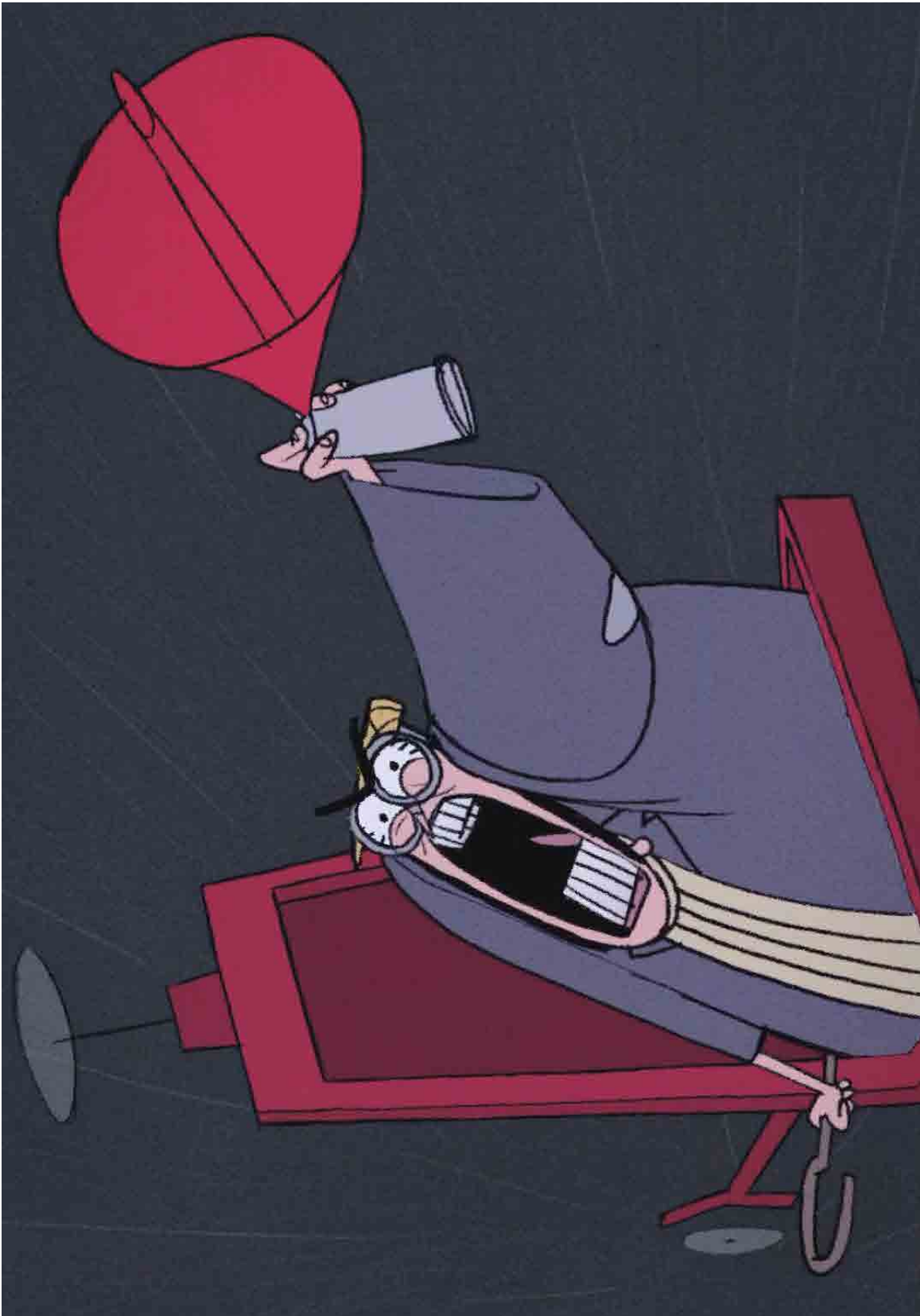
Idan wannan daidai ne, mai kunnawa zai iya yanke shawara ko dai don ciyar da murabba'i 1 ko 2 ko cirewa wani yanki na wuyar warwarewa. Idan amsar ba daidai ba ce, babu wani abu na musamman da zai faru.

Wasan yana kare ko dai lokacin da 'yan ragon "girgije" ya isa ko ya wuce filin da ya isa ba tare da har sai wasan ya zama cikakke ('yan wasan sun ci nasara), ko kuma sau ɗaya wuyar warwarewa an sake ginawa ('yan wasan sai sun rasa).

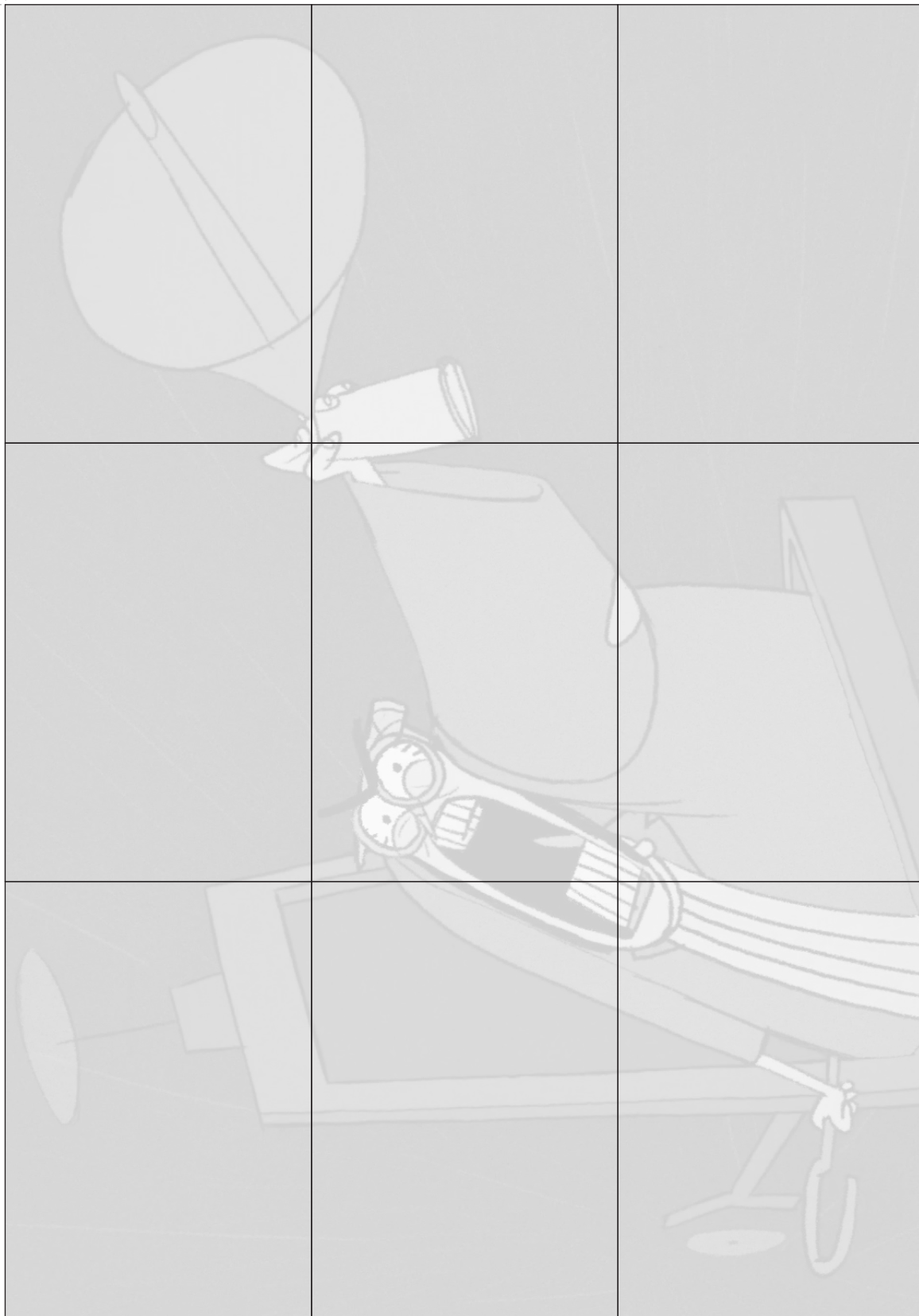
Ayyukan da Emilie suka gabatar daga *Jeux d'école dangane da gajeren fim din "Punctuwool"*.
Daraktan: Jacob Streilein. Punctuwool © Jacob Streilein



Buga kuma yanke guda 9 na wuyar warwarewa



Ayyukan da Emilie suka gabatar daga Jeux d'école dangane da gajeren fim din "Punctuwool".
Daraktan: Jacob Streilein. Punctuwool © Jacob Streilein



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Buga katunan tambaya.

Menene jihohin 3
ruwa?

m: ruwa: gas

A wane zafin jiki ne ruwa
tana tafasa?

A 100 ° Celsius.

A wane zafin jiki ne ruwa
ya canza zuwa
kankara?

Kasa da 0° Celsius.

Menene sunan
canjin ruwa
ruwa zuwa m ruwa?

Daskarewa.

Menene sunan
canjin ruwa
ruwa ga gas?

Kafewa.

Menene sunan
tururi canji
daga ruwa zuwa ruwa mai ruwa?

Tattaruwa.

Menene sunan
canjin ruwa
m cikin ruwa mai ruwa?

Narkarwa.

Menene sunan
canjin ruwa
m cikin gas?

Sublimation.



Buga katunan tambaya.

Menene sunayen
jikunan ruwa ba
karkashin kasa?

Teburan ruwan karkashin kasa (ko karkashin kasa).

Wane mataki zai biyo baya
evaporation a cikin sake zagayowar ruwa:
zubar da ruwa, hazo
ko kwandishan?

Kwangila (samuwar gajimare).

Nawa ne ruwa a wurin?
duniya a lokacin dinosaur:
- Yafi girma fiye da yau.
- Kamar yau.
- Kasa fiye da yau.

Kamar yau.

Tsire-tsire da kuma musamman
dazuzzuka kuma suna sakin
tururin ruwa. Ta yaya
ana kiran wannan al'amari?

Evapotranspiration.

A wane hali ruwan yake?
girgije: m, ruwa ko
gaseous?

Gizagizai masu ruwa sun kasance da digon ruwa.

Menene siffon 3 na
hazo?

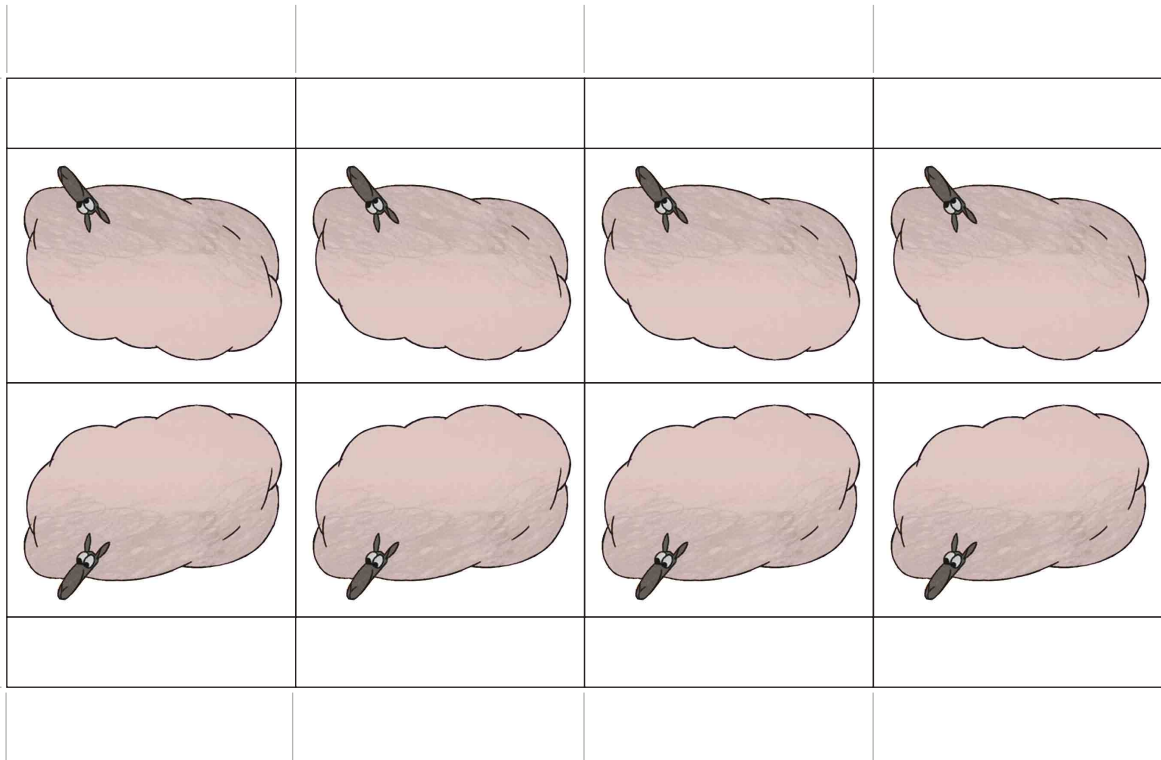
Ruwa, dusar kankara da kankara.

Me muke kira shi
yana sanya ruwan sama
shiga koguna, to
koguna da teku?

Gudun gudu.

Ruwan dusar kankara ne
m, ruwa ko
tururin ruwa?

Ruwa mai karfi.



Buga dan lido na takarda don yin ko hoton ya manne akan diki da ke akwai.

