5 A   Class __24__   Number Name: __windee__

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?
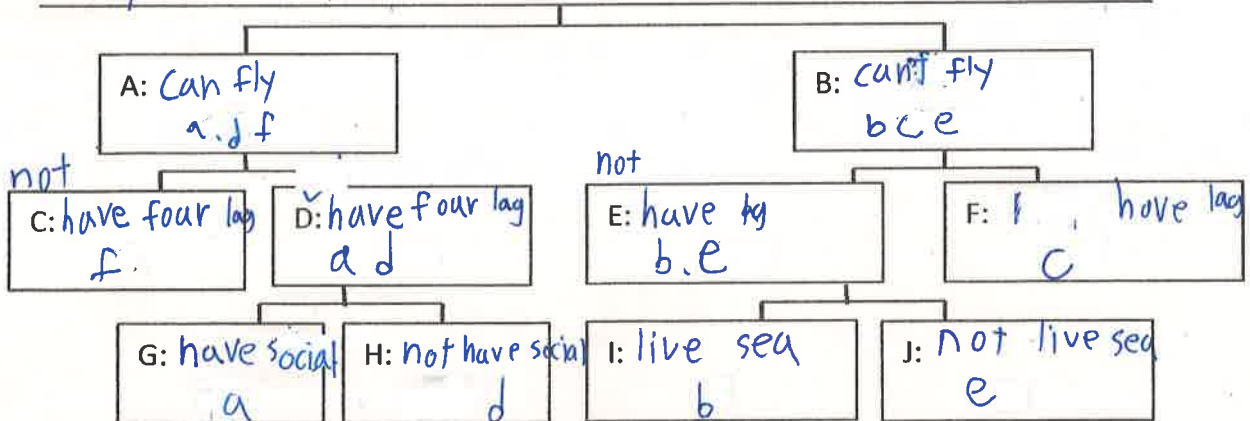
Concept

appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. __appearance__ : Able to adapt to various conditions of the environment.
2. __appearance__ : General term(表示) for the external shape of an animal.
3. __binary method__ : A way to be able to classify various things.
4. __behavior__ : A collective term for all kinds of movement, sleeping, breeding, and foraging.
5. __system__ : A mechanism(機制) that has a context to follow.
6. __reproduction__ : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a)__Flylion__ b) __sharp whale__ c) __Ice sword Hors__ d)__Lightning fly cat__ e) __Smell fire snake__ f) __rroto brilliance bird__

A: Can fly
a.d.f

B: cant fly
b c e

not

C: have four leg
f.

D: have four leg
a d

not

E: have kg
b.e

F: l , hove leg
c

G: have Social
a

H: not have social
d

I: live sea
b

J: not live sea
e

Think: Talk about your feeling in this lesson.

Dear Gary: 實寶貝好玩！

Your student: __windee__

5A Class 16 Number Name: Isa

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?

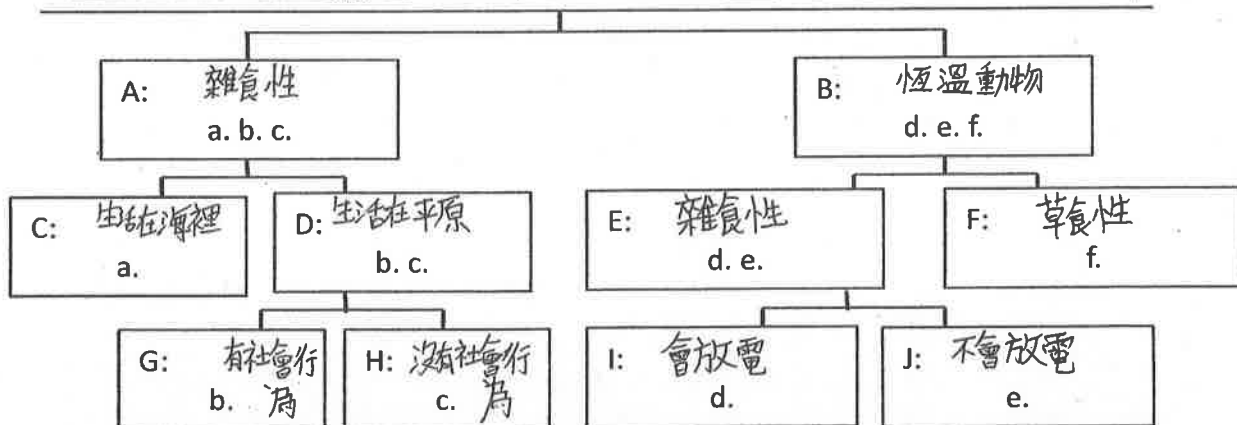A: 外形、生活空間、食性、繁殖方式

Concept

appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. _living conditions_ : Able to adapt to various conditions of the environment.

2. _appearance_ : General term(表示) for the external shape of an animal.

3. _binary method_ : A way to be able to classify various things.

4. _behavior_ : A collective term for all kinds of movement, sleeping, breeding, and foraging.

5. _system_ : A mechanism(機制) that has a context to follow.

6. _reproduction_ : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) 飛天冰冰 b) 獅師鷹獸 c) 九裔隹 d) 閃電飛貓 e) 飛天小貓咪 f) 冰劍馬

Think: Talk about your feeling in this lesson.

Dear Gary: 我覺得賣小寶貝不公平！先功一定贏 . . . .

Your student: _____

5A Class ~7 Number Name: Joanne"

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?

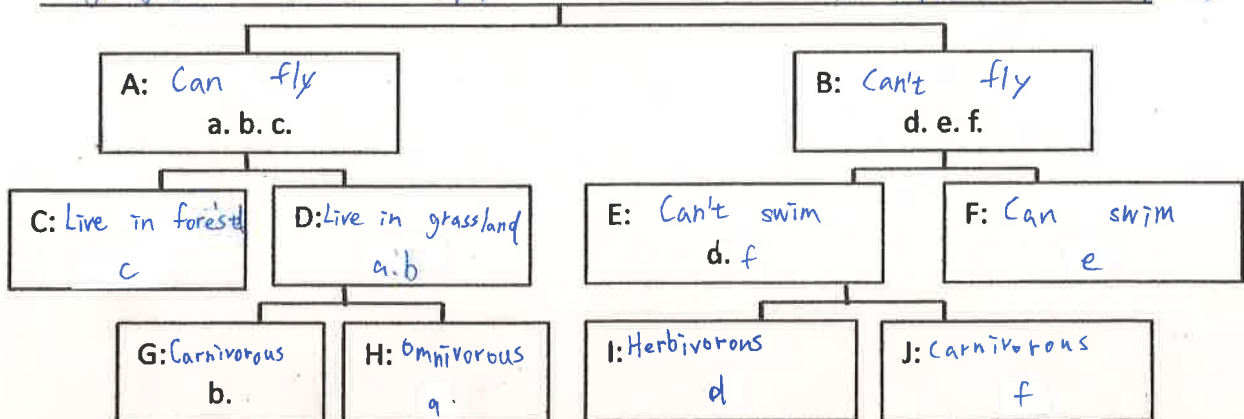Appearance 、 foraging 、 reproduction 、 social behavior

Concept

appearance (外型)	behavior (行為) ✓	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法) ✓	system (系統) ✓

1. living conditions : Able to adapt to various conditions of the environment.

2. appearance : General term(表示) for the external shape of an animal.

3. binary method : A way to be able to classify various things.

4. behavior : A collective term for all kinds of movement, sleeping, breeding, and foraging.

5. system : A mechanism(機制) that has a context to follow.

6. reproduction : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) Lightning fly cat b) Fly tiger c) Fly pin cat d) Cat e) Gast dolphin f) Poison leopard

A: Can fly
a. b. c.

B: Can't fly
d. e. f.

C: Live in forest
c

D: Live in grassland
a. b

E: Can't swim
d. f

F: Can swim
e

G: Carnivorous
b.

H: Omnivorous
a.

I: Herbivorous
d

J: Carnivorous
f

Think: Talk about your feeling in this lesson.

Dear Gary:

I like to play 寶寶貝!

Your student: Joanne

5A Class __7__ Number Name: __Miles__

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?
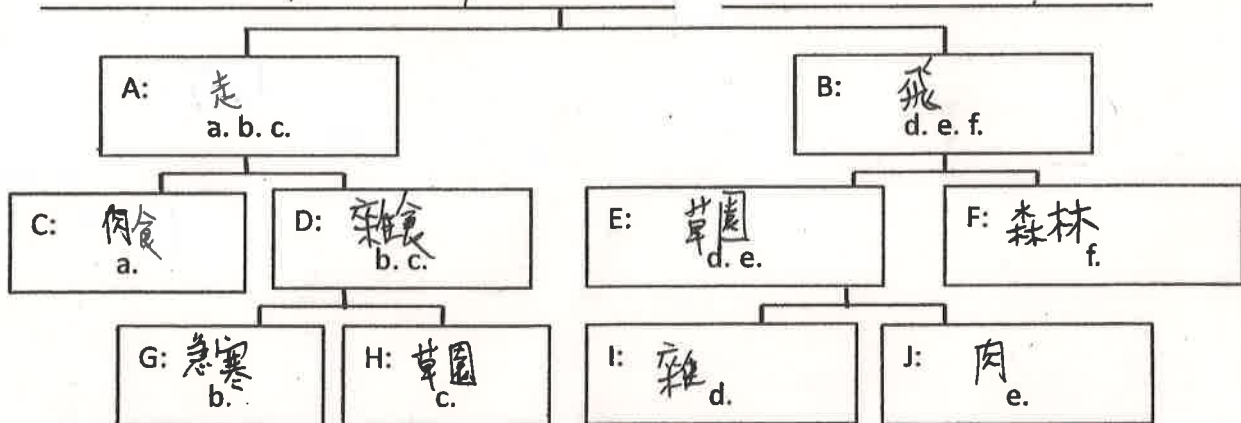
appearance - 繁殖方式

Concept

appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. __living conditions__ : Able to adapt to various conditions of the environment.
2. __appearance__ : General term(表示) for the external shape of an animal.
3. __binary method__ : A way to be able to classify various things.
4. __behavior__ : A collective term for all kinds of movement, sleeping, breeding, and foraging.
5. __system__ : A mechanism(機制) that has a context to follow.
6. __reproduction__ : The ability to generate the next generation of behavior.
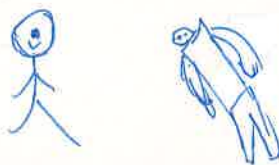
Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) forest wolf b) Lydia c) fly cat d) Liliane e) carbeus f) honey parrot

A: 走 a. b. c.

B: 飛 d. e. f.

C: 肉食 a.

D: 雜食 b. c.

E: 草園 d. e.

F: 森林 f.

G: 急寒 b.

H: 草園 c.

I: 雜 d.

J: 肉 e.

Think: Talk about your feeling in this lesson.

Dear Gary: 謝謝

Your student: _____

5A Class __4__ Number Name: _yukang_

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?

是胎生/不是胎生 、 會飛/不會飛 、 會跑/不會跑

Concept

appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. _living conditions_ : Able to adapt to various conditions of the environment.
2. _appearance_ : General term(表示) for the external shape of an animal.
3. _binary method_ : A way to be able to classify various things.
4. _behavior_ : A collective term for all kinds of movement, sleeping, breeding, and foraging.
5. _system_ : A mechanism(機制) that has a context to follow.
6. _reproduction_ : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) 無極及汰帥 b) 八尾狐 ? c) 飛天藍熊 d) Fly pincat e) 位移蝙蝠 f) 小火蛇

```
                    ┌─────────────────┴─────────────────┐
          ┌─────────┴─────────┐                 ┌────────┴─────────┐
     A: 社會行為                              B: 沒社會行為
       a. b. c.                                 d. e. f.
   ┌──────┴──────┐                        ┌──────┴──────┐
C: 肉食      D: 弒食                   E: 會飛        F: 不會飛
  a.          b. c.                     d. e.          f.
         ┌─────┴─────┐              ┌─────┴─────┐
      G: 有尾    H: 無尾          I: 抵抗     J: 不抵抗
        b.         c.              d.           e.
```

Think: Talk about your feeling in this lesson.

Dear Gary: 我想知道我們能不能把寶寶貝做成動畫或電動?

Your student: _Yukang_

_____Class _____ Number Name: _____

Unit 4 Sounds and instruments - The voice of life

Warmer

1. How does an object produce sound?

2. What ways can I expect my voice to spread?

3. What is the basis of the Noise Control Act?

Concept

vibration (振動)	air (空氣)	matter (物質)
noise(噪音)	decibel/ dB (分貝)	Noise Control Act (噪音管制法)

1. The unit of sound size is the use of __(1)__s. 2. Sound is produced by __(2)__ of __(3)__ and transmitted through the __(4)__. 3. The __(5)__ is the law that regulates __(6)__.	(1)_____ (2)_____ (3)_____ (4)_____ (5)_____ (6)_____

Content

Watch the Dr Binocs Show video about What is Sound?

a) What is the range of Hertz that our ears can hear?

_____

b) What examples did he give to make a sound at the beginning?

_____

c) There was a part where we couldn't hear him speak for what?

_____

Think

Watch the Dr Binocs Show video about What Is NOISE POLLUTION?

a) What are the health damage caused by noise?

_____

b) What are the naturally occurring noises in the film?

_____

c) How high a decibel volume is too much for human ears?

_____

5A Class __23__ Number Name: Kate

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?

reproduction   appearance   behavior
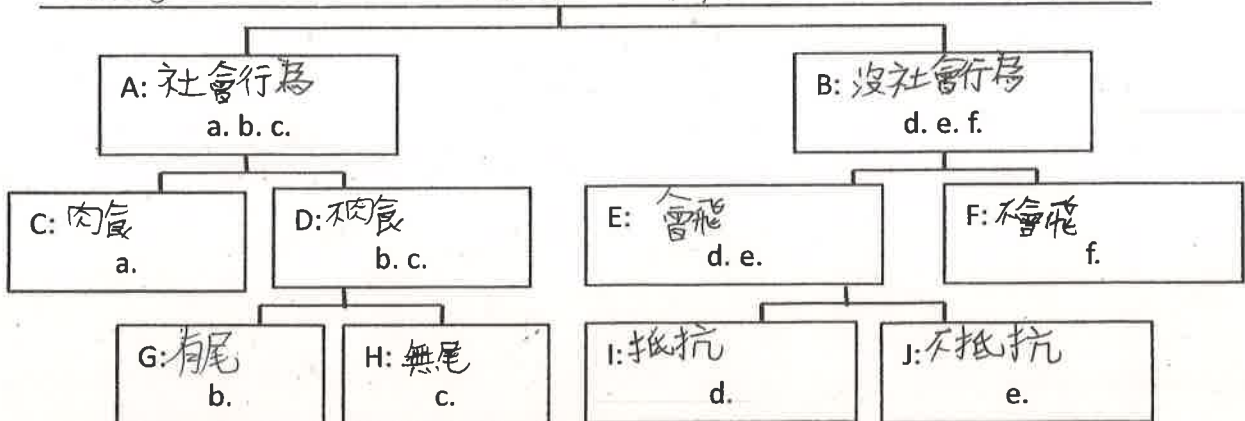
Concept

appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. living condition : Able to adapt to various conditions of the environment.
2. appearance : General term(表示) for the external shape of an animal.
3. binary method : A way to be able to classify various things.
4. behavior : A collective term for all kinds of movement, sleeping, breeding, and foraging.
5. system : A mechanism(機制) that has a context to follow.
6. reproduction : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) orange snake b) Fly tiger c) Gost dolphin d) giant shark e) cold bear f) Slime

A: 肉食
a. b. c.

B: 不肉食
d. e. f.

C: x cold-blooded
a.

D: warm-blooded
b. c.

E: 不會多移
d. e.

F: 會多移
f.

G: 有分膀
c

H: 沒分膀
b

I: 有社會行為
e

J: 沒社會行為
d.
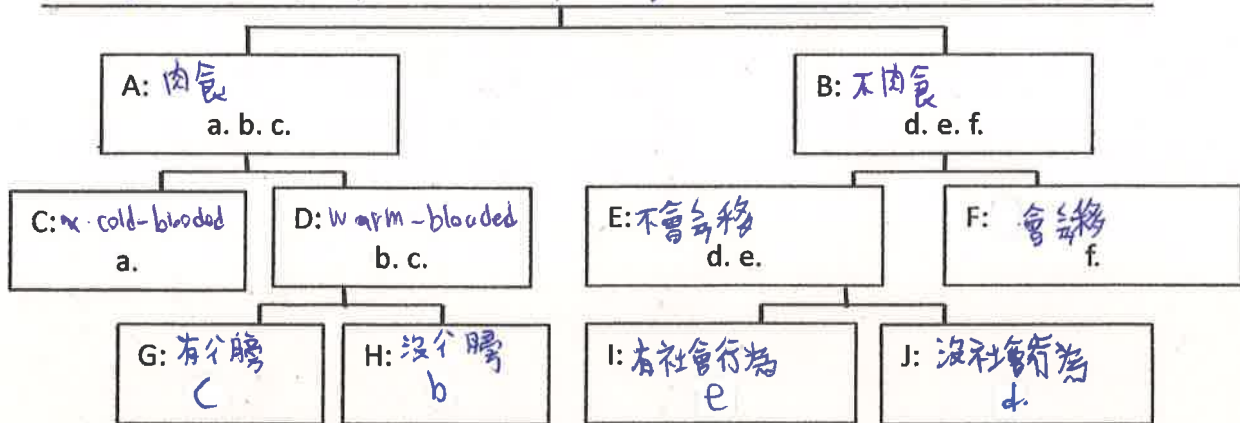
Think: Talk about your feeling in this lesson.

Dear Gary: 我之前看到一個影片他說X蟲有受精是生卵,沒受精是X接一隻

Your student: Kate

5A Class __18__ Number Name: __Jamie__

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?
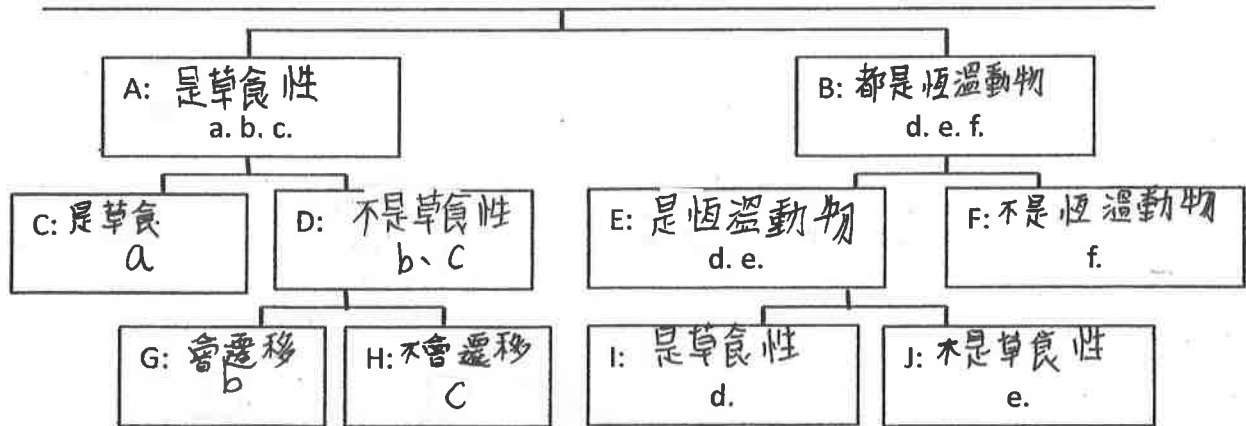
會飛、不會飛，卵生、胎生

Concept

appearance (外型) ✔	behavior (行為) ♥	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. __living conditions__ Able to adapt to various conditions of the environment.

2. __appearance__ : General term(表示) for the external shape of an animal.

3. __binary method__ : A way to be able to classify various things.

4. __behavior__ : A collective term for all kinds of movement, sleeping, breeding, and foraging.

5. __system__ : A mechanism(機制) that has a context to follow.

6. __reproduction__ : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) 踰輝雀 b) 飛天小貓咪 c) 六尾狐 d) 貓伊布 e) 羽箭鯨 f) 八尾狐

```
                      ┌────────────────┴────────────────┐
              ┌───────┴───────┐                 ┌────────┴────────┐
        A: 是草食性                          B: 都是恆溫動物
        a. b. c.                             d. e. f.
       ┌────┴────┐                          ┌────┴────┐
   C:是草食   D: 不是草食性              E: 是恆溫動物    F:不是恆溫動物
     a          b、c                       d. e.          f.
           ┌────┴────┐                    ┌────┴────┐
       G: 會遷移   H:不會遷移          I: 是草食性   J: 不是草食性
         b          c                     d.            e.
```

Think: Talk about your feeling in this lesson.

Dear Gary:

I learn animals reproduction and animals living conditions, I love the 寶寶貝! It's so funny !

Your student: __Jamie__

味 Class ___ b ___ Number Name: *Hflower*

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?
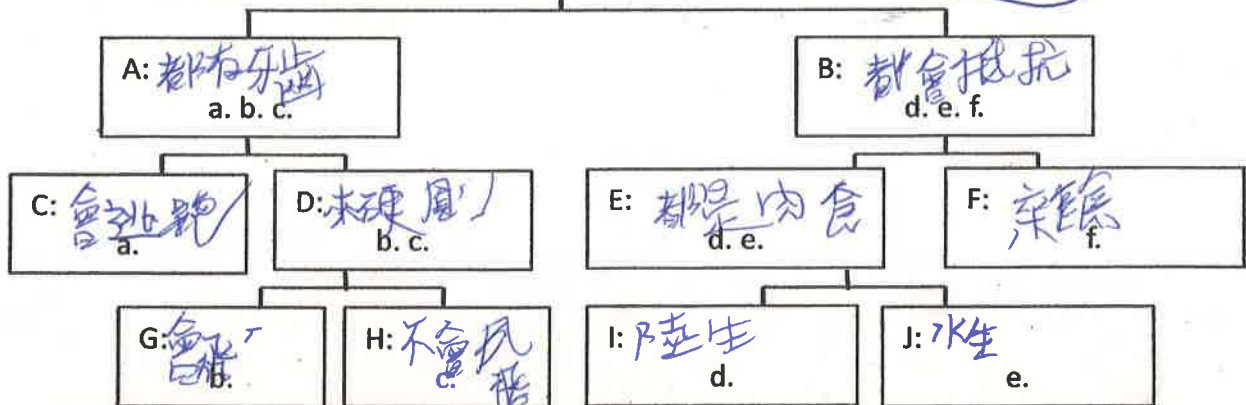
A: foraging、卵或胎生、外觀

Concept

appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. _living condition_ : Able to adapt to various conditions of the environment.

2. _appearance_ : General term(表示) for the external shape of an animal.

3. _binary method_ : A way to be able to classify various things.

4. _behavior_ : A collective term for all kinds of movement, sleeping, breeding, and foraging.

5. _system_ : A mechanism(機制) that has a context to follow.

6. _reproduction_ : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) _flymouse_ b) _orangesnake_ c) _Smallfire snake_ d) _orange_ e) _Lightningfly cat_ f) _Gost dolphin_

A: 都有牙齒
a. b. c.

B: 都會抵抗
d. e. f.

C: 會跳耀
a.

D: 未硬周
b. c.

E: 都是肉食
d. e.

F: 灰鯨
f.

G: 金锥
b.

H: 不會飛
c.

I: 陸生
d.

J: 水生
e.

Think: Talk about your feeling in this lesson.

Dear Gary:

⑪ 動物的分類 ⌣

Your student: _①_

5A Class ___19___ Number Name: _Karen_

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?

Use binary method, EX: have horn, don't have horn, four legs, non four legs.
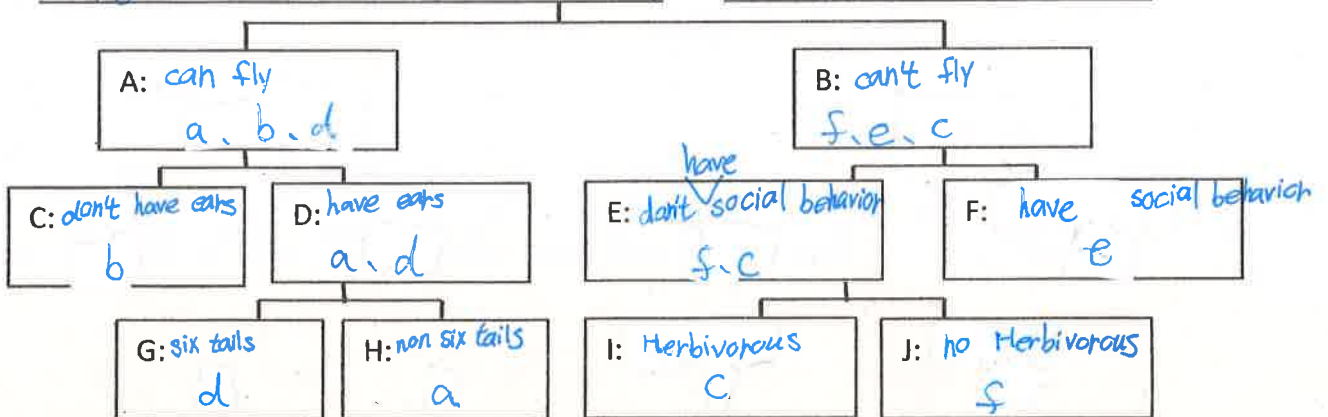
Concept

appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. _living conditions_ : Able to adapt to various conditions of the environment.

2. _appearance_ : General term(表示) for the external shape of an animal.

3. _binary method_ : A way to be able to classify various things.

4. _behavior_ : A collective term for all kinds of movement, sleeping, breeding, and foraging.

5. _system_ : A mechanism(機制) that has a context to follow.

6. _reproduction_ : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) _flying cat_ b) _vita_ c) _cat_ d) _Ely pin cat_ e) _Lydia_ f) _6 tailed Sox_

A: can fly
a、b、d

B: can't fly
f、e、c

C: don't have ears
b

D: have ears
a、d

E: don't have social behavior
f、c

F: have social behavior
e

G: six tails
d

H: non six tails
a

I: Herbivorous
c

J: no Herbivorous
f

Think: Talk about your feeling in this lesson.

Dear Gary: Thank you for teaching me,

In this class, I know how to term binary method

and it's name.

Your student: _Karen_

SA Class __14__ Number Name: __Sharine__

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?

binary method | have horn、don't have horn | can fly, can't fly
Four legs、non four legs

Concept

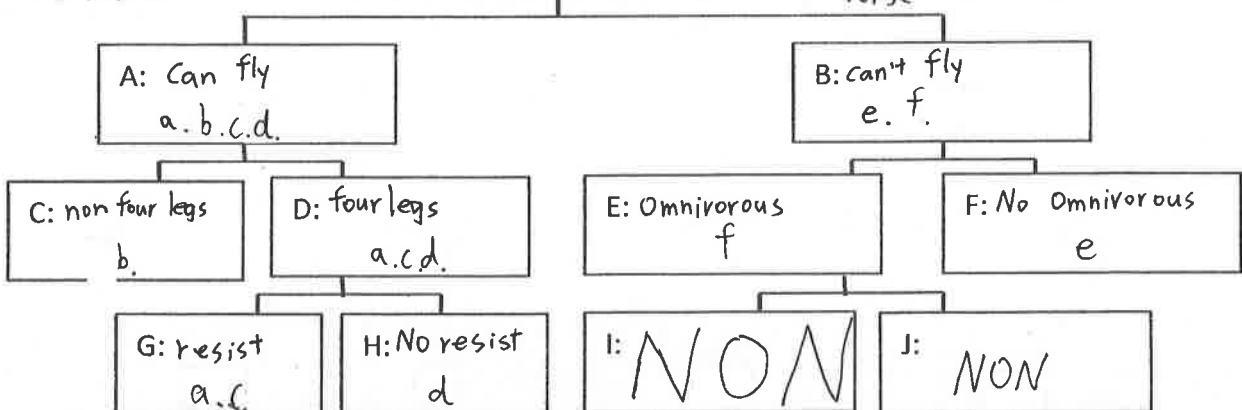| appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. __living conditions__ : Able to adapt to various conditions of the environment.

2. __appearance__ : General term(表示) for the external shape of an animal.

3. __binary__ : A way to be able to classify various things.

4. __behavior__ : A collective term for all kinds of movement, sleeping, breeding, and foraging.

5. __system__ : A mechanism(機制) that has a context to follow.

6. __reproduction__ : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) Lightning fly cat b) The regglet c) flying cat d) Cat e) Ice Sword Horse f) sharp whale

A: Can fly — a.b.c.d.
B: can't fly — e.f.

C: non four legs — b.
D: four legs — a.c.d.

E: Omnivorous — f
F: No Omnivorous — e

G: resist — a.c
H: No resist — d
I: NON
J: NON

Think: Talk about your feeling in this lesson.

Dear Gary:

Thank you ~

I know many about animal's things.

Your student: __Sharine yuyu__

SA   Class __15__   Number Name: _Claire_

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?

binary method | have horn、don4 have horn |can fly、cant fly |
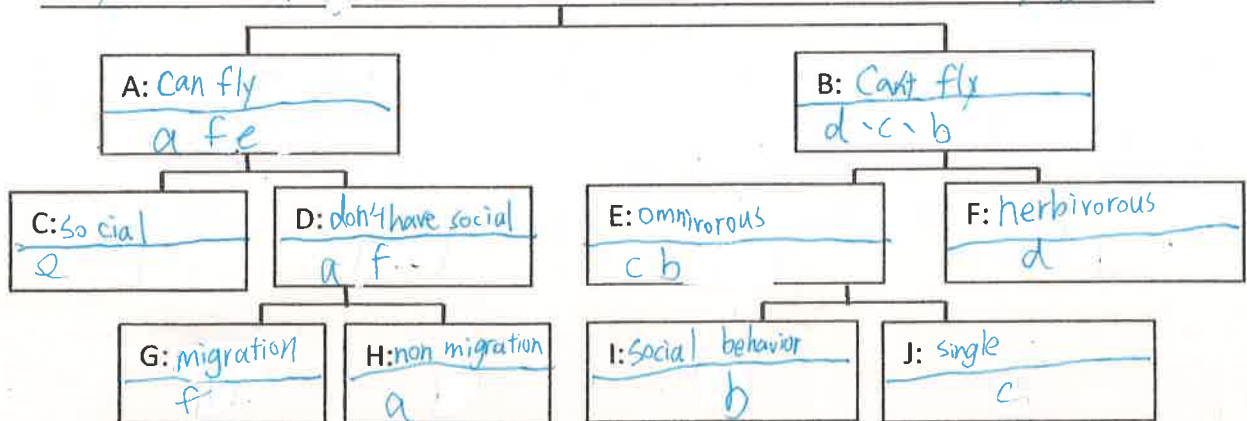
Concept   Four leg、non four legs

appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. _living conditions_: Able to adapt to various conditions of the environment.

2. _appearance_ : General term(表示) for the external shape of an animal.

3. _the binary method_ : A way to be able to classify various things.

4. _behavior_ : A collective term for all kinds of movement, sleeping, breeding, and foraging.

5. _the system_ : A mechanism(機制) that has a context to follow.

6. _reproduction_ : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) _Fly pin cat_ b) _Lydia_ c) _Liliane_ d) _Cat_ e) _Fly lion_ f) _flying cat_

A: Can fly
a f e

B: Cant fly
d、c、b

C: So cial
e

D: doh4 have social
a f ·

E: omnivorous
c b

F: herbivorous
d

G: migration
f ·

H: non migration
a

I: Social behavior
b

J: single
c

Think: Talk about your feeling in this lesson.

Dear Gary: Thank you for teaching me many knowlendge about

animals you're a fantastic teacher

Your student: _Claire_

SA Class __3__   Number Name: __尤彭博__

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?
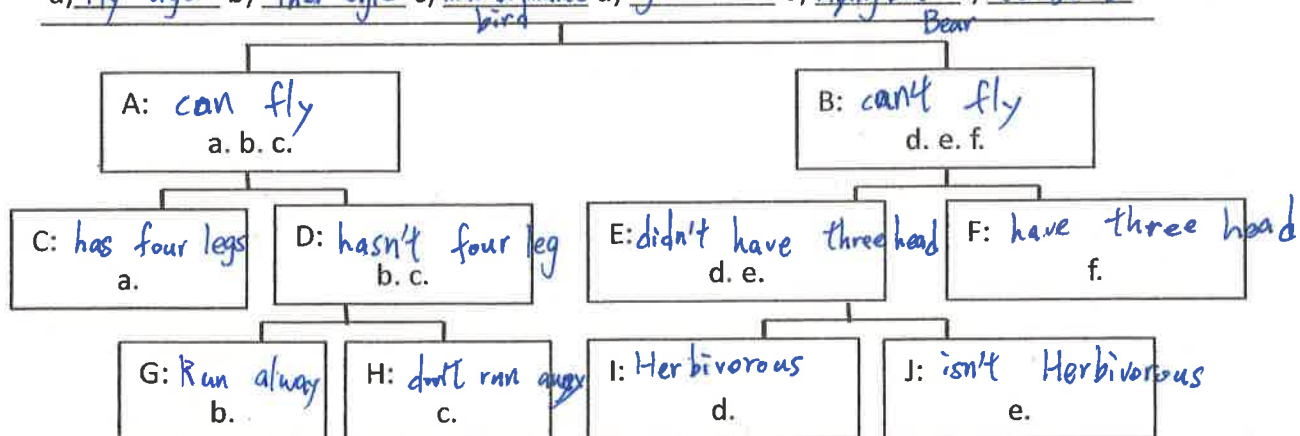
appearance , forging , can it fly ?

Concept

appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. __living conditions__: Able to adapt to various conditions of the environment.
2. __appearance__ : General term(表示) for the external shape of an animal.
3. __binary method__: A way to be able to classify various things.
4. __behavior__ : A collective term for all kinds of movement, sleeping, breeding, and foraging.
5. __system__ : A mechanism(機制) that has a context to follow.
6. __reproduction__ : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) __Fly tiger__ b) __Thor eagle__ c) __more brilliance bird__ d) __goat__ e) __Flying Blue Bear__ f) __Cerberus__

A: can fly
a. b. c.

B: can't fly
d. e. f.

C: has four legs
a.

D: hasn't four leg
b. c.

E: didn't have three head
d. e.

F: have three head
f.

G: Run alway
b.

H: don't run away
c.

I: Herbivorous
d.

J: isn't Herbivorous
e.

Think: Talk about your feeling in this lesson.

Dear Gary: I like this game, it fun.
I will play with my family

Your student: __Tim__

5A Class ___1___ Number Name: __wei-wei__

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?

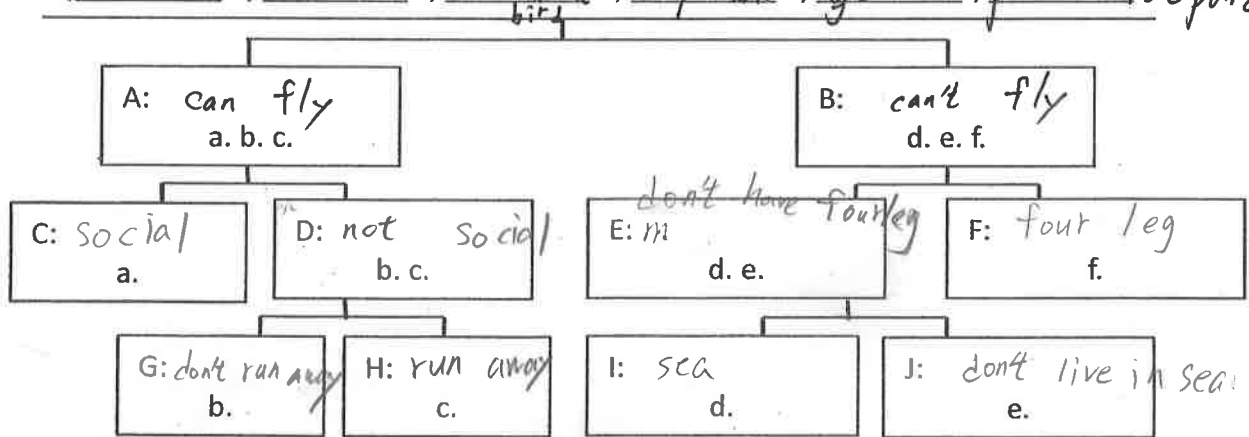Use binary method, like can fly or can't fly, How many leg do it have.

Concept

appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. __living conditions__ : Able to adapt to various conditions of the environment.

2. __appearance__ : General term(表示) for the external shape of an animal.

3. __binary method__ : A way to be able to classify various things.

4. __behavior__ : A collective term for all kinds of movement, sleeping, breeding, and foraging.

5. __system__ : A mechanism(機制) that has a context to follow.

6. __reproduction__ : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) __cold bear__ b) __cerberus__ c) __more brilliance bird__ d) __sharp whale__ e) __goat__ f) __poison leopard__


```
                A: can fly              B: can't fly
                a. b. c.                d. e. f.

  C: social    D: not social    E: m          F: four leg
  a.           b. c.            (don't have fourleg)   f.
                                d. e.

  G: don't run away  H: run away   I: sea        J: don't live in sea
  b.                 c.            d.            e.
```

Think: Talk about your feeling in this lesson.

Dear Gary: I am verry happy in this lesson.
I make my 實小寶貝.

Your student: __wei-wei__

五甲 Class 乙 Number Name: Matthew 宇翔修

Unit 3 Animal world - How animals are classified

Warmer

1. If you want to classify animals, what classification basis can be used?

外型、棲息地、繁殖方式

Concept
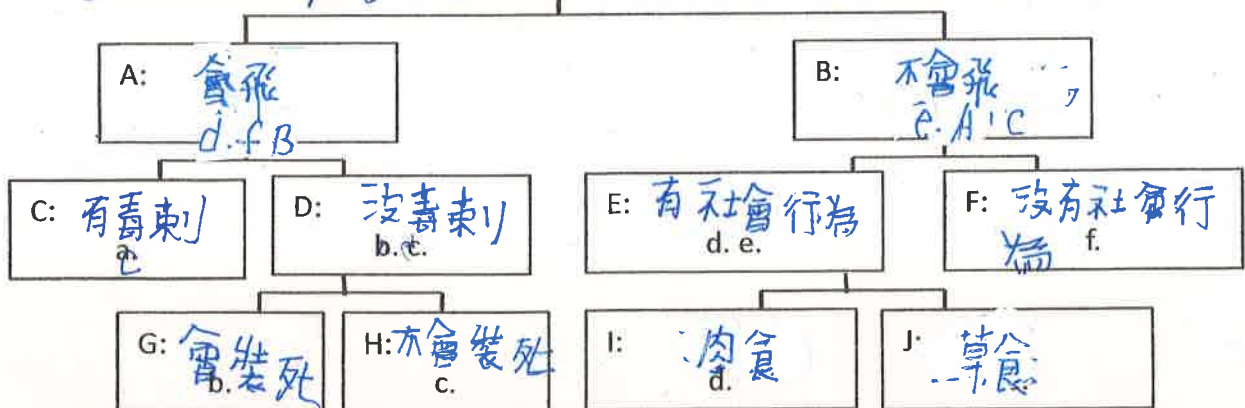
appearance (外型)	behavior (行為)	living conditions (生活條件)
reproduction (繁殖方式)	binary method (二分法)	system (系統)

1. _living conditions_: Able to adapt to various conditions of the environment.

2. _appearance_ : General term(表示) for the external shape of an animal.

3. _binary method_ : A way to be able to classify various things.

4. _behavior_ : A collective term for all kinds of movement, sleeping, breeding, and foraging.

5. _System_ : A mechanism(機制) that has a context to follow.

6. _reproduction_ : The ability to generate the next generation of behavior.

Content: Discovery of new animals(part 3)

Please choose six kinds of fantasy creatures (including yourself) in the class and divide them by dichotomy.

a) _goat_ b) _fly tiger_ c) _poison lea_ d) _Lilione_ e) _(Slime_ f) _cold bear_

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A: 會飛          B: 不會飛
   d. f B           e. A . C

C: 有毒刺   D: 沒毒刺      E: 有社會行為   F: 沒有社會行
   e          b. c.          d. e.             為 f.

G: 會裝死  H: 不會裝死     I: 肉食        J: 草食
   b.         c.             d.             c.
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Think: Talk about your feeling in this lesson.

Dear Gary: 謝謝鄭老師教我們動物的外型、棲息地和繁殖方式，我覺得很有趣，動物世界真奇妙，我一定好好好學 ☺

Your student: _Matthew_