

Introduce TAKETOMBO, and make TAKETONBO by paper

Preparation

- 1 Straw per student
- Thick paper (3cm * 14cm) per student
- Scissors
- Stapler

1) Introduce TAKETOMBO (3 min)

We would like to introduce a Japanese traditional toy, TAKETOMBO.

This is a TAKETOMBO. (Show the TAKETOMBO)

I have two questions about TAKETONBO.

First question.

TAKETOMBO can fly .

A TAKETOMBO has a propeller like what kind of vehicle ?

Who know the answer? Raise your hand if you know the answer.

(call on some students)

(The answer is helicopter)

A TAKETOMBO has the same type of propeller as a helicopter.

Second question.

When was the TAKETOMBO invented in Japan?

1) about 100 years ago

2) about 200 years ago

3) about 300 years ago

(The answer is 3)

Children in Japan have been playing with the TAKETOMBO longer than the United States has been a country. (or The TAKETONBO is older than the USA)

2) Explanation how to make TAKETOMBO (2 min)

Today, we would like to make a TAKETOMBO with you.

But, it is difficult for you to make a TAKETONBO out of bamboo like this one.

So, we can make a paper TAKETOMBO today, just with a drinking straw and a little paper.

Now, I will show and tell you how to make a TAKETOMBO.

You have to watch and listen carefully.

First, fold the paper in half, and cut it like this.

Second, decorate your propeller.

Third, cut the tip of the straw. Just a little in the nip in the center.

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Fourth, bend the propeller just a little like this.

Last, fly. Enjoy your TAKETOMBO.

Any questions?

If you forget how to make it , you can come and ask me anytime..

3) Making TAKETOMBO (1 0 min)

- ①Fold thick paper in half, and cut like Picture A
- ②Have students decorate the paper.
- ③Cut the tip of the straw down the center just a little.
And staple the paper to the straw.
- ④Spread the wings, and bend gently, a little bit..

4) Play with TAKETOMBO (1 2 min)

- ①Just play

Let's play with the TAKETOMBO.

- ②Competition

Now, let's have a little TAKETOMBO challenge.

Who can make their TAKETOMBO can go/fly the farthest?

(or Whose TAKETOMBO go/fly the farthest ?)

Each student must stand at the start line/here.

Then wiht one spin we'll see whose toy goes further

5) Impressions about the class (3 min)

How was todays class ?

That's all for today.

Good-bye everyone.

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竹とんぼの紹介と紙トンボ作り

○時間 30分程度

○場所：教室

○必要なもの

- ・ストロー 人数分+少し
- ・厚紙（14cm×3cm）人数分+少し
- ・はさみ
- ・ホッチキス

○活動の計画

1) 竹とんぼの紹介（5分）

どうして飛ぶのか？（ヘリコプターと同じ仕組み）

いつ頃から遊ばれているか？（300年くらい前から）

2) 紙トンボの作り方の説明（3分）

実際に作ってみせる。

作り方の絵を貼る。

3) 紙トンボを作る（10分）

①厚紙を半分に折って、羽の形に切る。

②厚紙に自分の好きな模様をかく。

※時間があれば、きれいな紙をはってもいい。その時は紙を厚紙に貼った後に切る。

③ストローの先をはさみで切り、羽をホッチキスで留める。（2カ所）

④羽を広げて、角度をつける。

羽の先にホッチキスの針を2つずつつけるとよく飛ぶようになる。

4) 飛ばして遊ぶ（10分）

①ただ飛ばす

②誰が1番飛ぶか競争する。

5) 感想の発表（2分）