

# HOW DO THEY... *Make Money?*

A National Film Board of Canada Production



## How Do They...?

*"Splendid attention grabbers, complete ideas presented with intelligence and style in a compact time period."*

—Toronto Sun



**How Do They...Make Money?** is one of a series of short and snappy videos that reveal the mysteries behind how everyday things happen.

Each of these fascinating little videos is without words, making them ideal cross-curricular aids for teachers. And the videos answer questions that kids often ask!

In **How Do They...Make Money?**, shiny discs dance their way through the mint, emerging as brand-new pennies! A user's guide is printed on the back of this videojacket.

Director: Tina Keeper  
Producer: Jennifer Torrance  
4 minutes  
Order number: C0199 207

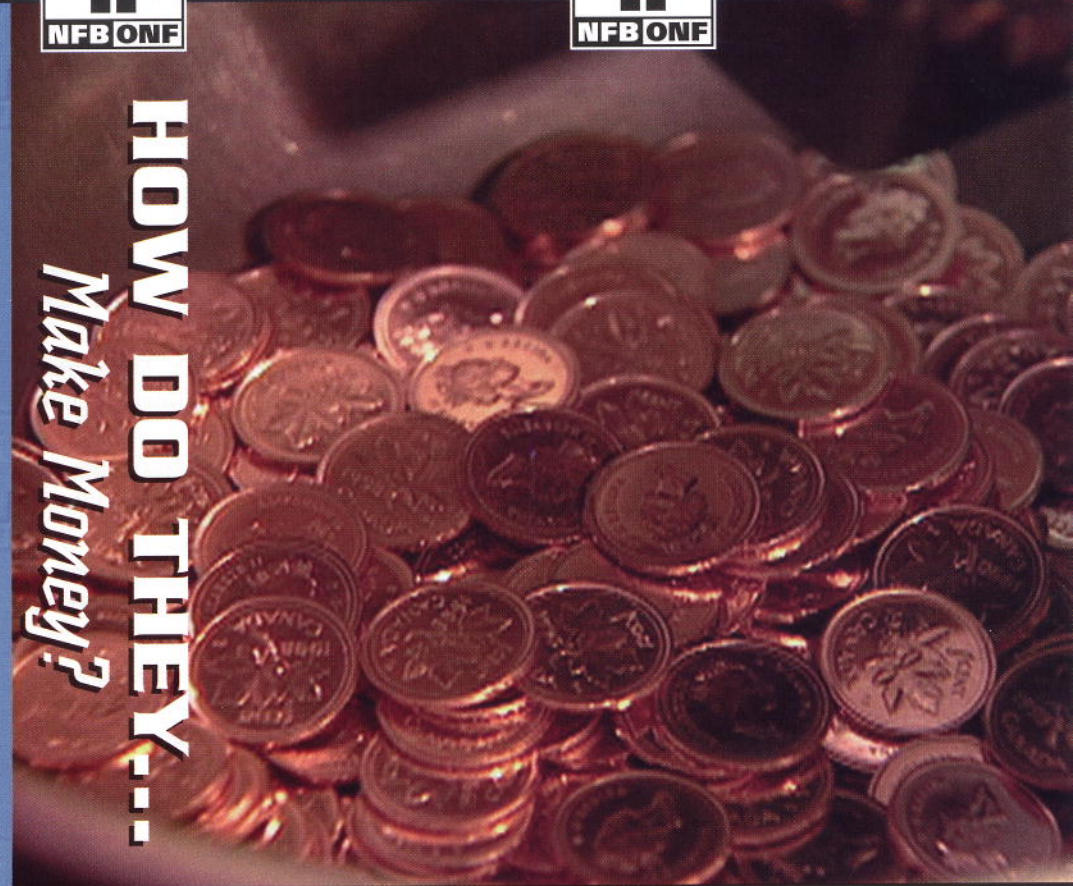
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**HOW DO THEY...  
*Make Money?***



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# HOW DO THEY... *Make Money?*

# How Do They... Make Money?

This guide explains what you see on-screen during this **How Do They...?** video, and it offers suggestions for classroom use.

## Suggested Activities for the Elementary Classroom

This video explains one of the simple mysteries in life, encourages creativity and can be used in a variety of ways to enrich elementary classroom activities.

The following are suggested activities for Language Arts (to aid in descriptive writing and in sequencing), Social Studies (examining the importance of primary and secondary industries) and Art.

1. Use the following questions as discussion-starters: Have people always used money? What do you think people did before money was invented? How would your life be different if there was no such thing as money?
2. Have students watch the video, describe and write down the process, then watch the video again. What parts did they miss? What things did they notice the second time? Use the description on this videojacket to help in this exercise.
3. Have students list all the different denominations of coins and describe what each looks like. They can also make rubbings of coins as illustrations that can then be cut out and made into mobiles.
4. Have students research and explore terms such as *hoppers*, *currency*, *quality control*, *vertical*, *diagonal*, *horizontal* and *blanking*. Challenge the class to use some or all of them in a poem, descriptive paragraph or short story.

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Producer:**  
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4 minutes

**Order number:**  
C0199 207



## Making Money

A large coil of metal spins as a strip runs off it and through a series of rollers to a machine for blanking (the punching out of discs). The pistons on the blanking machine go up and down as they stamp out blank discs, which then tumble into a big vat.

Next, the discs fall onto a conveyor belt, which carries them, in batches, up to another belt to a sorter. The blank discs tumble into a rimmer, a round machine that spins very quickly. This step adds the textured edge to the rim of the coins.

From the rimmer, the discs travel on another conveyor belt to the Proditec to be sorted and checked for faults by flashes of light. The quality discs drop into a bin and travel to the furnace (not shown in the film).

A cooling bin full of discs is hoisted up and over to another vat that begins to spin quickly as cleaning fluid is added. The discs are mixed with little ball bearings that help scrub them clean. The cleaned discs pour out onto a bouncing conveyor belt to be dried. Then they are carried up diagonally in trays on a conveyor belt into hoppers (small bins on a ceiling tram) to the striking station.

The blank coins are dumped into a circular bin that moves a thin stream of copper-coloured discs. They are fed slowly into stamping machines that move up and down, putting patterns on the coins.

The shiny, stamped pennies pour out into a vat, ready for shipment.

The entire **How Do They...?** series is available from the National Film Board of Canada. Titles include **How Do They...Braid Rope? ...Put the Centers in Chocolates? ...Knit a Chain-Link Fence? ...Make Potato Chips? ...Recycle Steel? ...Make Money? ...Make Oatmeal Cookies? and ...Recycle Paper?**