

WITCHCRAFT ACADEMY™

Game Type: Video Slot Game

Return to Player: 96.38%

NetEnt™ opens the doors to Witchcraft Academy™, a 5-reel, 3-row video slot leading you to this most ancient and mysterious school of magic, full of secrets and spells! It has prepared for you a mysterious concoction of Wild substitutions, Element Bonus, and Free Spins with Free Spins Features.

Join Efora the Witch and Earthan the Wizard in their quest for magic treasures!

Firstly, you will need to collect three Scatter symbols in the school library to find a way to the mystery dungeon. There it's time to practice the Element Shots spell to get through the trials of the Elements Bonus. And if you're lucky enough, you will enter the deep caverns and enjoy the Free Spins!



Game Sheet Version: 1.0

Date: 2017-11-13

NETENT

ABOUT WITCHCRAFT ACADEMY

GENERAL INFORMATION

Game Type	Video Slot Game
Reel Type	Spinning Reels
Reels, Lines	5 reels, 4 rows, 20 bet lines (fixed)
Default Bet Levels	1 - 10
Default Coin Values (€)	0.01, 0.02, 0.05, 0.1, 0.2, 0.5, 1
Default Min / Max Bet (€)	0.2 / 200
Minimum Free Round Values (Please check your current free round values)	Bet level 1, 20 bet lines, €0.01 coin value (cost €0.2)

GAME FEATURES

- Wild substitutions
- Elements Bonus
- Free Spins with Free Spins Features

PAYOUT

Return to Player	96.38%
Default Maximum Win	€8 000 / 8 000 coins – on a single bet line
Hit Frequency	19.37%

RESPONSIBLE GAMING

Player Limits	<ul style="list-style-type: none"> • Player and casino operator can set the following play limits: Bet @ loss per session, day, week or month. Block all play for a specified period of time. Restrict session play length in minutes. • Playing for real is restricted by player account funds (i.e. cannot play for credit). • (Italy jurisdiction only) Player can initially have a maximum of 1.000 € in the wallet. Since each game is a user session, the player's wallet may exceed this limit during play.
Other	<ul style="list-style-type: none"> • Play for Fun • Variable coin values • Variable bet levels • G4 mode

TECHNICAL INFORMATION

Game ID	witchcraftacademy_not_mobile (basic wallet) witchcraftacademy_not_mobile_sw (seamless wallet)
Display Resolution	1280 x 720
Aspect Ratio	16:9
Technology	HTML5
Deployment	Refer to CasinoModule Help for information about launching CasinoModule games.

GAME DESIGN



Witchcraft Academy™ graphics

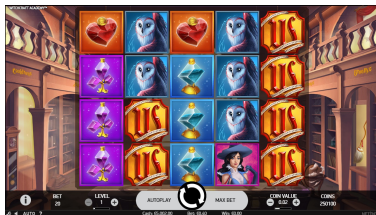
Game Theme and Graphics

Welcome to Witchcraft Academy™, the latest offering from NetEnt™! This school is full of secrets, spells and puzzles but, most importantly, lots of fun!

Experience the magical atmosphere in the school library. There, amid scrolls and books, you will meet Efora the Witch and Earthan the Wizard, the top students of the Academy, and their pet Elements, the owl and the dragon.

Collect three Scatters and descend to the dark and mysterious dungeon of the Elements Bonus, where pots full of coins await and where the Armour Guards protect the precious Free Spins Features. Only the Elements can help you pass further, so use your most powerful spell to help you!

Steep stairs lead deeper and deeper, into the caverns full of gems and gold, where the Free Spins await!



Main Game

Main Game

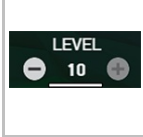

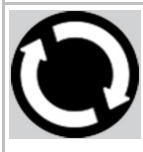
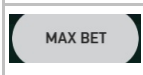
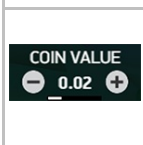
Players can select the coin value and bet level before starting the game round.



Big Win

Game Actions

The buttons on the keypad perform the following different game actions:

	<p>Clicking the plus and minus signs increases and decreases the bet level (i.e. number of coins per bet line) by 1. To increase or decrease faster, the player can click and drag the slider below.</p>
	<p>Clicking AUTOPLAY automatically plays the game for the selected number of rounds.</p>
	<p>Clicking the Spin button starts a game round at the current bet level and coin value.</p>
	<p>MAX BET plays the game at the highest bet level and the current coin value.</p>
	<p>Clicking the plus and minus signs increases and decreases the coin value to the next level. To increase or decrease faster, the player can click and drag the slider below.</p>



Wild symbol



Wild symbol in the game

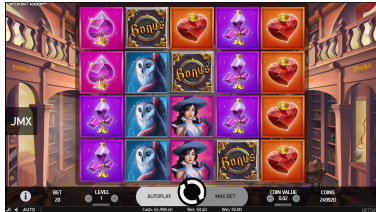
Wild Substitution

Wild symbols can appear anywhere on reels 1, 2, 4 and 5 in the main game and Free Spins and substitute for all symbols except for Scatter symbols.

Wild symbol substitution pays the highest possible winning combination on a bet line according to the Paytable.



Scatter symbol



Elements Bonus activation



Elements Bonus

Elements Bonus

3 or more Scatter symbols appearing anywhere on the reels in the main game activate the Elements Bonus.

The Elements Bonus is a 5-column, 4-row Bonus Game with Coin Win symbols, Armour Guard symbols, and Scatter symbols representing Free Spins Features: x2 Multiplier, +5 Free Spins, Overlay Wild Reel 1 and Overlay Wild Reel 5.

Choose Efora the witch or Earthan the wizard to cast an Element Shot at a random column.

The number of Element Shots awarded is equal to the number of Scatter symbols that activated the Elements Bonus.

An Element Shot will be randomly made with 1 to 4 Elements. Efora's Element is Owl, and Earthan's Element is Dragon. Each Element will hit and clear the closest symbol in the column.

When an Element Shot hits a Coin Win symbol, a random coin win of between 10 and 200 times the bet level is awarded.

When an Element Shot hits an Armour Guard symbol, the Armour Guard explodes hitting all symbols adjacent to it horizontally or vertically.

The maximum win in coins in the Elements Bonus is 20000.

When an Element Shot hits a Scatter symbol, the Free Spins Feature the symbol represents is unlocked. Each Free Spins Feature can only be unlocked once.

In the Elements Bonus, Scatter symbols appear on row 4 only and represent the Free Spins Features in the following order, from leftmost to right: Overlay Wild Reel 1, +5 Free Spins, x2 Multiplier, +5 Free Spins, Overlay Wild Reel 5.

If 3 or more Scatter symbols are hit during the Elements Bonus, Free Spins are activated with the unlocked Free Spins Features.

If all symbols in the Elements Bonus are cleared, while Element Shots remain, the Elements Bonus will end and Free Spins are activated with the unlocked Free Spins Features.

Unless Free Spins are activated, at the end of the Elements Bonus the game returns to the round that activated the Elements Bonus.

At the end of the Elements Bonus, the total win from the Elements Bonus is added to any wins from the round that activated the Elements Bonus.



Free Spins activation



Free Spins



Bonus Spin symbol

Free Spins

3 or more Scatter symbols collected in the Elements Bonus activate 5 Free Spins with the unlocked Free Spins Features.

2 or more Bonus Spin symbols appearing anywhere on the reels in the Free Spins award additional Free Spins:

- 2 Bonus Spin symbols = 5 Free Spins
- 3 Bonus Spin symbols = 10 Free Spins
- 4 Bonus Spin symbols = 15 Free Spins
- 5 Bonus Spin symbols = 20 Free Spins

Free Spins are played at the same bet level and coin value as the round that activated Free Spins.

At the end of Free Spins, the total win from Free Spins is added to any wins from the round that activated the Elements Bonus.

At the end of Free Spins, the game returns to the round that activated the Elements Bonus.

Bet Lines

The screenshot displays the 'Winning Bet Lines' screen in the Witchcraft Academy slot game. The title 'Winning Bet Lines' is centered at the top in a golden, gothic-style font. Below the title is a 5x4 grid of 20 numbered bet lines (1-20). Each bet line is represented by a 5x4 grid of symbols, with orange symbols indicating the winning sequence. The symbols include various icons like a witch, a cat, and a broom. Navigation arrows are visible on the left and right sides of the grid. At the bottom, there is a status bar with the following information: 'WITCHCRAFT ACADEMY™' on the left, 'A NETENT PRODUCTION' on the right, 'Witchcraft Academy' logo in the center, and 'NETENT' on the far right. The status bar also shows 'Cash: \$5,005.90', 'Bet: \$0.40', and 'Win: \$0.00'. A small text box at the bottom center provides rules: 'Bet line wins pay if in succession starting anywhere on the bet line. • Only the highest win per bet line is paid. • Malfunction voids all pays and plays. • The coin payout values are based on bet level 1. • For more information, see the Game Rules.'

PAYOUT

Payout Summary

GAME RETURN TO PLAYER (RTP)

- Total: 96.38%
- Main game: 55.6%
- Elements Bonus: 22.0%
- Free Spins: 18.8%

HIT FREQUENCY

- Total: 19.37%
- Elements Bonus: 1.140%
- Free Spins: 0.325%

MAXIMUM PAYOUT

- Main Game: €4 000 / 4 000 coins - on a single bet line
- Main Game: €80 000 / 80 000 coins - max coinciding win
- Bonus: €20 000 / 20 000 coins - max win in feature
- Freespins: €8 000 / 8 000 coins - on a single bet line
- Freespins: €160 000 / 160 000 coins - max coinciding win

Note: The maximum win of a game round may be higher than the maximum coinciding win, since a game round may include several spins.

PAYOUT RULES IN MAIN GAME

- Bet line wins pay if in succession from the leftmost reel to the rightmost reel.
- A bet line win in coins is equal to the value shown in the Paytable multiplied by the bet level.
- Bet level is the number of coins bet per bet line.
- A bet line win in currency is equal to the win in coins multiplied by the coin value.
- Only the highest win per bet line is paid.
- Simultaneous wins on different bet lines are added.

PAYOUT RULES IN ELEMENTS BONUS

- 3 or more Scatter symbols appearing anywhere on the reels in the main game activate the Elements Bonus.
- The maximum win in coins in the Elements Bonus is 20000.
- At the end of the Elements Bonus, the total win from the Elements Bonus is added to any wins from the round that activated the Elements Bonus.

PAYOUT RULES IN FREE SPINS

- 3 or more Scatter symbols collected in the Elements Bonus activate 5 Free Spins with the unlocked Free Spins Features.
- 2 or more Bonus Spin symbols appearing anywhere on the reels in the Free Spins award additional Free Spins:
 - 2 Bonus Spin symbols = 5 Free Spins
 - 3 Bonus Spin symbols = 10 Free Spins
 - 4 Bonus Spin symbols = 15 Free Spins
 - 5 Bonus Spin symbols = 20 Free Spins
- Free Spins are played at the same bet level and coin value as the round that activated Free Spins.
- At the end of Free Spins, the total win from Free Spins is added to any wins from the round that activated the Elements Bonus.

Paytable

WITCHCRAFT ACADEMY™ A NETENT PRODUCTION

Abra-Ka-Dabra!

Welcome to the Witchcraft Academy, the most ancient and mysterious school of magic, full of secrets and charms!

To reveal its biggest mystery, Efora and Earthan, two adventurous students of the Academy, sneak in the Library in hope to find some hints from the many scrolls and books that lie within.

An ancient door leads to the mystery dungeon... Efora and Earthan will need to muster their courage and use their best charms, the Element Shots, to pass all the trials and enter the deep caverns where the magic treasures of Free Spins await!

Bet line wins pay if in succession starting anywhere on the bet line. • Only the highest win per bet line is paid. • Malfunction voids all pays and plays. • The coin payout values are based on bet level 1. • For more information, see the Game Rules.

Witchcraft Academy

Cash: \$5,005.90 Bet: \$0.40 Win: \$0.00

Paytable page 1

WITCHCRAFT ACADEMY™ A NETENT PRODUCTION

Wild & Scatter

Wild Symbol

Wild symbols can appear anywhere on reels 1, 2, 4 and 5 in the main game and Free Spins and substitute for all symbols except for Scatter symbols.

Scatter Symbol

3 or more Scatter symbols appearing anywhere on the reels in the main game activate the Elements Bonus.

Bet line wins pay if in succession starting anywhere on the bet line. • Only the highest win per bet line is paid. • Malfunction voids all pays and plays. • The coin payout values are based on bet level 1. • For more information, see the Game Rules.

Witchcraft Academy

Cash: \$5,005.90 Bet: \$0.40 Win: \$0.00

Paytable page 2

WITCHCRAFT ACADEMY™

Elements Bonus



Choose Efora the witch or Earthan the wizard to cast an Element Shot at a random column.

If 3 or more Scatter symbols are hit during the Elements Bonus, Free Spins are activated with the unlocked Free Spins Features.

When an Element Shot hits an Armour Guard symbol, the Armour Guard explodes hitting all symbols adjacent to it horizontally or vertically.

When an Element Shot hits a Scatter symbol, the Free Spins Feature the symbol represents is unlocked. Each Free Spins Feature can only be unlocked once.

Bet line wins pay if in succession starting anywhere on the bet line. Only the highest win per bet line is paid. Malfunction voids all pays and plays. The coin payout values are based on bet level 1. For more information, see the Game Rules.

Witchcraft Academy

Cash: €4,999.20 Bet: €0.40 Win: €0.00

Paytable page 3

WITCHCRAFT ACADEMY™

Free Spins



3 or more Scatter symbols collected in the Elements Bonus activate 5 Free Spins with the unlocked Free Spins Features.

2 or more Bonus Spin symbols appearing anywhere on the reels in the Free Spins award additional Free Spins:

2 Bonus Spin symbols = 5 Free Spins
3 Bonus Spin symbols = 10 Free Spins
4 Bonus Spin symbols = 15 Free Spins
5 Bonus Spin symbols = 20 Free Spins

Bet line wins pay if in succession starting anywhere on the bet line. Only the highest win per bet line is paid. Malfunction voids all pays and plays. The coin payout values are based on bet level 1. For more information, see the Game Rules.





Witchcraft Academy

Cash: €4,999.20 Bet: €0.40 Win: €0.00

Paytable page 4

WITCHCRAFT ACADEMY™

High win symbols

			
3 30	3 15	3 10	3 8
4 80	4 50	4 30	4 20
5 400	5 200	5 100	5 80

Bet line wins pay if in succession starting anywhere on the bet line. Only the highest win per bet line is paid. Malfunction voids all pays and plays. The coin payout values are based on bet level 1. For more information, see the Game Rules.




Witchcraft Academy
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Cash: €4,999.20 Bet: €0.40 Win: €0.00

Paytable page 5

WITCHCRAFT ACADEMY™

Low win symbols

			
3 5	3 5	3 5	3 5
4 10	4 10	4 10	4 10
5 40	5 40	5 40	5 40

Bet line wins pay if in succession starting anywhere on the bet line. Only the highest win per bet line is paid. Malfunction voids all pays and plays. The coin payout values are based on bet level 1. For more information, see the Game Rules.

Witchcraft Academy
A NETENT PRODUCTION

Cash: \$5,005.90 Bet: \$0.40 Win: \$0.00

Paytable page 6

ADDITIONAL INFORMATION

Randomisation

Random Number Generator (RNG)

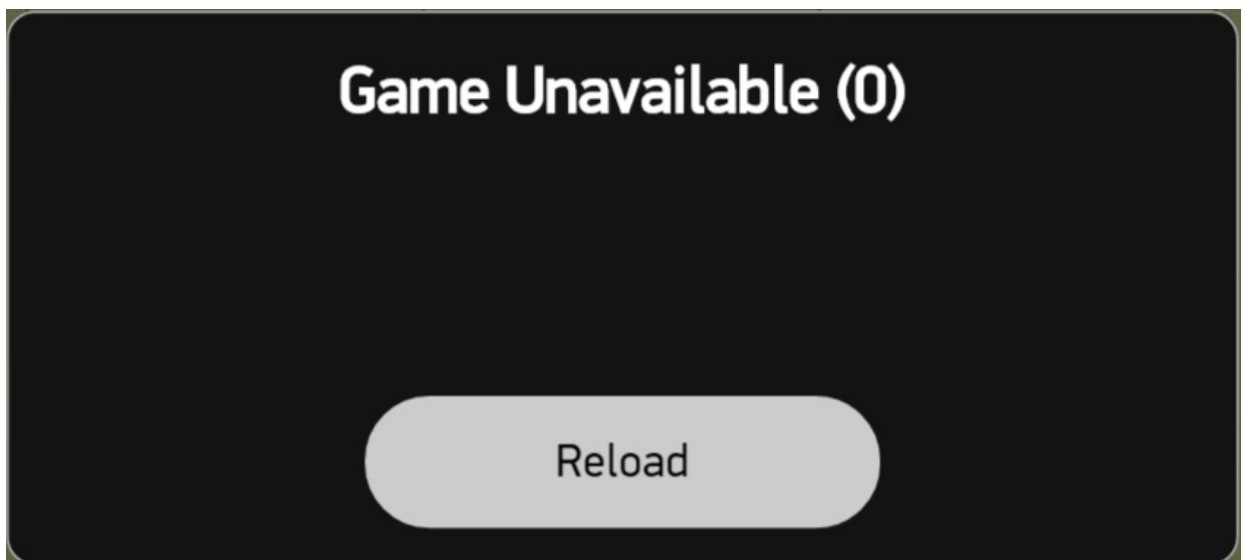
The algorithm used for random number generation (RNG) is Fortuna, a cryptographically secure pseudorandom number generator (PRNG) devised by Bruce Schneier and Niels Ferguson. For more information, see the document Random Number Generation.

The Random Number Generator and its implementation has been tested and approved/certified for randomness according to prevailing industry standards by an accredited, independent, 3rd party test facility.

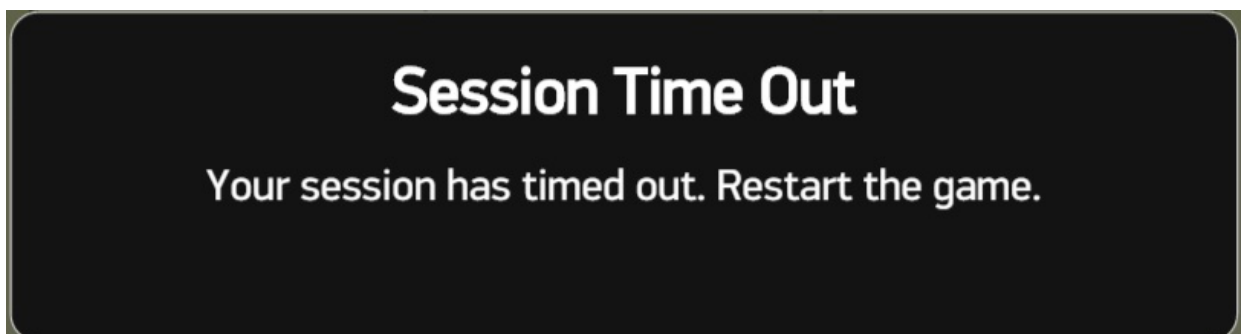
Malfunction Management

If a player attempts to access a game using an invalidated session, (for example, due to inactivity or system restart) an error message is displayed in the game. The player can then log on again and resume game play. The game state is always stored so the player can resume game play exactly where he or she left off.

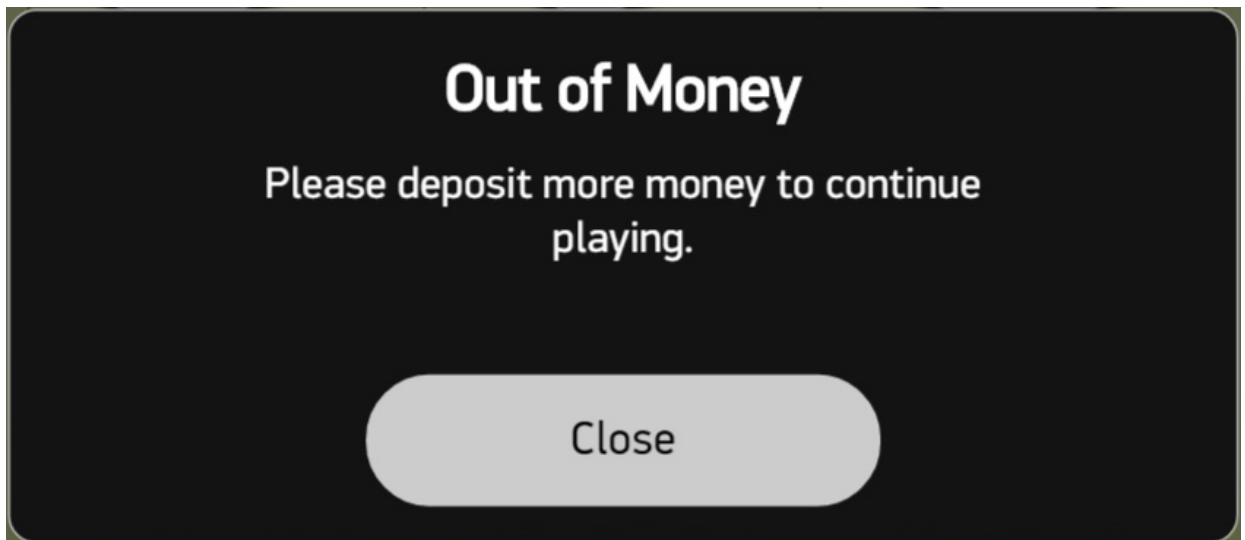
In case of an HTTP error, network timeout or server error a "technical error" message will be displayed to the player and the game will stay in an "unavailable" state until the player reloads the game at a time when the game becomes available.



If a session times out, a "session timeout" message will be displayed to the player and the game will stay in an "unavailable" state until the player reloads the game.



In case of an "out of money" event, an "out of money" message will be displayed to the player and the game will stay in an "unavailable" state until the player reloads the game.



(Italy jurisdiction only) Further information on management of malfunctions is also described in section 3.2.1 of the Gaming Platform (Progetto Della Piattaforma Di Gioco) document. This document provides details on how a player is informed of balance return payments and the technical process.

Information regarding session timeouts and malfunctions is provided to the player via the game rules. Specifically, the player is informed that "In the event of malfunction of the gaming hardware/software, all affected game bets and payouts are rendered void and all affected bets refunded."

Information to the Player

Players receive a response required message every hour of continuous play: They cannot continue playing unless they respond to the message which provides them with details about the amount bet and won so far during game play.

Players also have access to their game session history and game rules from within the game at all times.

Game Simulation

A demo version of the game is available at <http://www.netent.com/games/>

DOCUMENT VERSION HISTORY

VERSION	WHEN	WHAT
1.0	2017-11-13	Version 1.0