Chegg

Q3-24 Investor Presentation

November 12, 2024



Safe Harbor Statement

Forward-Looking Statements

This presentation contains forward-looking statements made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements relate to expectations, beliefs, projections, future plans and strategies, anticipated events or trends and similar expressions concerning matters that are not historical facts. In some cases, you can identify forward-looking statements by references to future periods and use of terminology such as "plan," "believe," "estimate," "intend," "project," "endeavor," "should," "future." "long-term," "outlook," "non-GAAP." "will," "expect," "anticipate," "guidance," "as if." "transition," or similar words or phrases which are predictions of or indicate future events or trends and which do not relate solely to historical matters. These forward-looking statements include, without limitation, our mission, our ability to improve the overall return on investment in education by helping learners learn more in less time and at a lower cost, our platform's ability to build essential life and job skills to accelerate their path from learning to earning, Chegg's investment highlights, the impact of recent advancements in the AI search experience and the adoption of free and paid generative AI services by students on our business outlook, our ability to refocus and adjust the size of our business. Chegg's restructuring plan, reduction in force, the number of employees impacted, the amount of the charges in connection with the actions, the timing that such charges will be incurred, the impact of the actions on our non-GAAP financial measures, the amount of the cost savings and the timing of those savings, our belief that our brand and product experience are resilient. Chegg's 360 degrees of individualized academic and functional support, our description of the future Chegg, our ability to apply learning science to improve outcomes, the roll-out of Chegg's new experience through 2025, including embedding Al into every facet of Chegg's platform, our ability to harness Al to better serve learners around the world, the expected iterations of the new Chegg experience from present to beyond 2025, the characteristics and features of Chegg's proprietary solution flow technology (including the ability to route questions to different LLMs, computational engines, and AI tools, such as Chegg's proprietary LLMs and OpenAl's ChatGPT, among others), the characteristics and features of, and Chegg's vision for, Chegg's proprietary Al stack, Chegg's unique value and competitive advantages, Chegg's ESG plans, the non-GAAP presentations of Chegg's results of operations, including Adjusted EBITDA, free cash flow, Adjusted EPS and expenses excluding Share Based Compensation, financial guidance and seasonality, Chegg's ability to forecast Chegg's financial results, Chegg's intention to implement a program to purchase up to \$300 million of our common stock and/or convertible notes, the expected timing, volume and nature of such securities repurchase program, and all statements about Chegg's financial and business outlook, strategy, priorities and learner outcomes. These statements are not guarantees of future performance and are based on management's expectations as of the date of this presentation and assumptions that are inherently subject to uncertainties. risks and changes in circumstances that are difficult to predict. Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause actual results, performance or achievements to differ materially from any future results, performance or achievements. Important factors that could cause actual results to differ materially from those expressed or implied by these forward-looking statements include the following: the effects of AI technology on Chegg's business and the economy generally; Chegg's ability to attract new learners to, and retain existing learners on, our learning platform; Chegg's innovation and offering of new products and services in response to technology and market developments, including AI; Chegg's brand and reputation; the uncertainty surrounding the evolving educational landscape, enrollment and student behavior, including the impact of AI; Chegg's ability to expand internationally; the efficacy of Chegg's efforts to drive user traffic, including search engine optimization, social media campaigns, and other marketing; the

success of Chegg's new product offerings, including 360 degrees of individualized academic and functional support; competition in all aspects of Chegg's business, including with respect to AI, and Chegg's expectation that such competition will increase; Chegg's ability to maintain its services and systems without interruption, including as a result of technical issues, cybersecurity threats, or cyber-attacks; third-party payment processing risks; adoption of government regulation of education unfavorable to Chegg; the rate of adoption of Chegg's offerings; mobile app stores and mobile operating systems making Chegg's apps and mobile website available to students and to grow Chegg's user base and increase their engagement; colleges and governments restricting online access or access to Chegg's services; Chegg's ability to strategically take advantage of new opportunities; competitive developments, including pricing pressures and other services targeting students; Chegg's ability to build and expand its services offerings; Chegg's ability to integrate acquired businesses and assets; the impact of seasonality and student behavior on the business; the outcome of any current litigation and investigations; misuse of Chegg's platform and content; Chegg's ability to effectively control operating costs; changes in Chegg's addressable market; regulatory changes, in particular concerning privacy, marketing, and education; changes in the education market, including as a result of AI technology and COVID-19; and general economic, political and industry conditions, including inflation, recession and war. All information provided in this presentation and in the conference call is as of the date hereof, and Chegg undertakes no duty to update this information except as required by law. These and other important risk factors are described more fully in documents filed with the Securities and Exchange Commission, including Chegg's Annual Report on Form 10-K for the year ended December 31, 2023 filed with the Securities and Exchange Commission on February 20, 2024 and Chegg's Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2024 filed with the Securities and Exchange Commission on November 12, 2024, and could cause actual results to differ materially from expectations.

Use of Non-GAAP Measures

To supplement Chegg's financial results presented in accordance with generally accepted accounting principles in the United States (GAAP), this presentation contains non-GAAP financial measures, including Adjusted EBITDA, Adjusted EPS, free cash flow and expenses excluding Share Based Compensation. For reconciliations of these non-GAAP financial measures to the most directly comparable GAAP financial measures, please see the Appendix to this presentation. The presentation of these non-GAAP financial measures is not intended to be considered in isolation from, as a substitute for, or superior to, the financial information prepared and presented in accordance with GAAP and may be different from non-GAAP financial measures used by other companies. Chegg believes that these non-GAAP financial measures, when taken together with the corresponding GAAP financial measures, provide meaningful supplemental information regarding Chegg's performance by excluding items that may not be indicative of Chegg's core business, operating results or future outlook. Chegg management uses these non-GAAP financial measures in assessing Chegg's operating results, as well as when planning, forecasting and analyzing future periods and believes that such measures enhance investors' overall understanding of our current financial performance. These non-GAAP financial measures also facilitate comparisons of Chegg's performance to prior periods.

Who Are We?

We put learners first.

Our mission is to improve learning and learning outcomes by putting students first, in school and beyond.

We strive to improve the overall return on investment in education by helping learners learn more in less time and at a lower cost.

Chegg's services leverage more than a hundred million pieces of proprietary content and the power of artificial intelligence as well as a decade of learning insights. Our platform also helps learners build essential life and job skills to accelerate their path from learning to earning.

Q3-24 Highlights

- While the global education industry continues to experience tremendous change, we have shown early progress against the strategic plan we outlined in June.
- We delivered better-than-expected revenue of \$137 million and adjusted EBITDA of \$22 million.
- **Technology shifts have created headwinds** for our industry and Chegg's business. Recent advancements in the Al search experience and the adoption of free and paid generative AI services by students, have resulted in challenges for Chegg. These factors are adversely affecting our business outlook and are requiring us to refocus and adjust the size of our business.
- We are **initiating a broad restructuring** that will impact all groups across the company:
 - We will reduce headcount by an additional 21%.
 - In 2025, we expect to realize non-GAAP expense savings of \$60-\$70 million from these employee departures, real estate savings, as well as other cost rationalizations.
 - The cost savings from the restructuring announced in June, coupled with the restructuring announced today, will result in a combined non-GAAP savings of \$100-\$120 million in 2025.
- While we acknowledge the significance of the headwinds, Chegg has a deep legacy of serving students and we believe our brand and product experience are resilient. We remain optimistic and will continue to be there for the students who have grown to rely on us.

Q3-24 Highlights – Metrics*

	Q2'24	Q3'24
Chegg Study/Pack Subscribers		
Global	3,419	2,913
YoY	-9%	-13%
US	2,858	2,498
YoY	-9%	-13%
INTL	561	416
YoY	-6%	-16%
Subscription Services Subscribers		
Global	4,369	3,830
YoY	-9%	-13%
US	3,290	2,908
YoY	-10%	-13%
INTL	1,079	923
YoY	-7%	-12%
Chegg Study/Pack Monthly Retention Rate		
Global	78.5%	81.8%
YoY	23bps	30bps
US	80.6%	83.6%
YoY	33bps	7bps
INTL	66.5%	70.0%
YoY	15bps	206bps
Total Questions Asked		
Global	7,307	4,497
YoY	74%	79%
Total Revenue		
Global	163,147	136,593
YoY	-11%	-13%
US	141,654	119,069
YoY	-9%	-13%
INTL	21,494	17,524
YoY	-20%	-18%

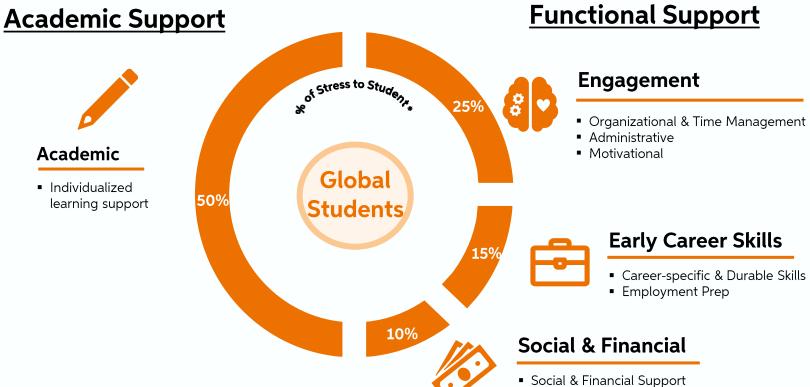
Subscription Services Revenue Global YoY US YoY NTL YoY Chegg Study/Pack Revenue Global	146,813 -11% 126,104 -10% 20,709 -20%	119,804 -14% 102,696 -14% 17,108 -17%
YOY US YOY NTL YOY Chegg Study/Pack Revenue	-11% 126,104 -10% 20,709	-14% 102,696 -14% 17,108
US YoY NTL YoY Chegg Study/Pack Revenue	126,104 -10% 20,709	102,696 -14% 17,108
YoY NTL YoY Chegg Study/Pack Revenue	-10% 20,709	-14% 17,108
NTL YoY Chegg Study/Pack Revenue	20,709	17,108
YOY Chegg Study/Pack Revenue		,
Chegg Study/Pack Revenue	-20%	-17%
Slohal		
Stobat	123,295	97,517
YoY	-13%	-16%
US	111,069	89,267
YoY	-10%	-14%
NTL	12,226	8,250
YoY	-31%	-34%
Chegg Study/Pack ARPU		
Global	\$36.1	\$33.5
YoY	-4%	-3%
US	\$38.9	\$35.7
YoY	-1%	-1%
NTL	\$21.8	\$19.8
YoY	-27%	-22%
Subscription Services ARPU		
Global	\$33.6	\$31.3
YoY	-3%	-2%
US	\$38.3	\$35.3
YoY	0%	-1%
NTL	\$19.2	\$18.5
YoY	-14%	-5%

- *Subscribers, questions, and revenue are in thousands Metrics and financials for Subscription Services include Chegg Study Pack, Chegg Study, Chegg Writing, Chegg Math and Busuu Metrics and financials for Chegg Study/Pack include both Chegg Study and Chegg Study Pack services



360° of Student Support – Academic and Functional

Helping students not only pass the class but excel in their learning journey



We Know Students and We Know Learning

Meeting students where they are and applying learning science to improve outcomes.



100 million Q&A pairs → we know the subjects and topics students need to learn



Content designed for learning

Subject-specific LLMs and prompt design for learning to create on-demand, high quality instructional content.



~3 billion monthly data interaction points → we know how students prefer to learn



Guidance on what do next

Helping students move forward with suggested prompts for asking follow ups, deeper learning, self-assessment.



10+ years of user insights research → we know the student experience



Effective learning behaviors

Motivating students to build study behaviors that improve comprehension like planning, practice, summarizing.



Engaging interactive experiences

Helping students stay engaged and motivated by celebrating progress, balancing workloads.

Rolling out the New Chegg Experience

The process of embedding AI into every facet of Chegg's platform is ongoing and iterative as we build truly individualized learning support for students

2023

In September we started to show users updated capabilities, with a new simple interface and a unified asking experience

Automated solutions rollout was completed in December. which leverages our proprietary database of content, Al tools, and computational engine, Mathway

2H24

We are testing **Al-enhanced learnings aids** such as practice questions, study guides & flashcards.

Next Best Action will prompt students with helpful, relevant suggestions and integrated learning tools when using QnA

Improvements in experience drive higher engagement, which is key to delivering an individualized and adaptive learning experience

1H24

We rolled out conversational capability, which enables an interactive Al-powered learning experience

Our understanding of the learner journey informs our ability to proactively deliver the right tool at the right time throughout a semester

2025+

We will develop solutions to common, durable use cases (solution triangulation, learning reinforcement) that establish our learning service beyond homework help

We will leverage the engagement of individual users to provide proactive, individualized, and well-timed learning tools across the learner journey

Al at Chegg

The advances in artificial intelligence have created opportunities for Chegg.

We pivoted the company to harness AI to better serve learners around the world. We are building an individualized, interactive, on-demand learning companion backed by proprietary data, generative AI large language models, human subject matter experts, and a decade+ of user insight research.

Chegg differentiators

Built for Education

We apply deep learning science from an in-house team to create verticalized learning user experience that reflects how students learn best.

Built for Quality and Accuracy

Enhanced learning experience over generic Al models as we leverage our proprietary data, and more than a decade of learning support expertise. Proprietary rubric assess the quality of solutions created.

Multi-source Approach

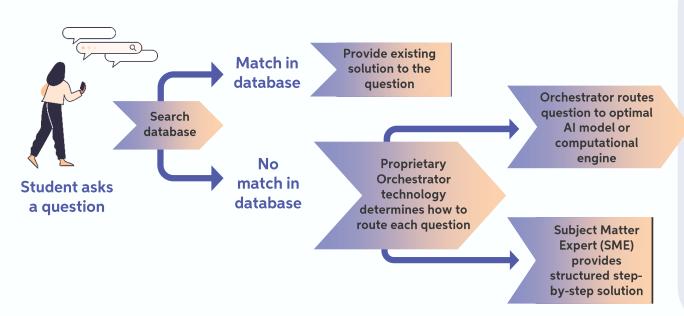
We employ a multi-source approach that involves searching our archive of 132 million solutions for an exact match, using Chegg LLMs, utilizing solutions built on top of commercial and fine-tuned open source LLMs, Chegg proprietary algorithmic solvers and our expert network.

Cost

We developed our approach with scale and cost in mind which results in our ability to produce solutions at an ~80% reduction per solution versus our historical approach of human creation.

Proprietary Solution Flow Technology Incorporating Automated Solutions

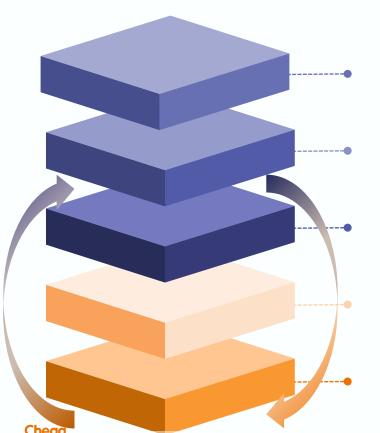
Chegg technology automatically routes questions to the best source that optimizes solution relevancy, speed, and accuracy



Proprietary question routing technology

- Orchestrator routes questions based on the type and format of the question, as well as the subject matter
- Orchestrator adapts to optimize question routing for relevancy, accuracy, and efficiency
- Questions are routed to either: Chegg's proprietary LLMs, computational engines such as Mathway, third-party commercial or open source LLMs or human expert
- As models evolve and improve for certain types of content, we will build our solutions on top of the best available

Industry-Leading Proprietary AI Stack That Delivers Individualized Learning



User Experience Layer

Personalization Layer

LLM + Computational Engine Layer

Proprietary Expert Layer

Data Layer

- Integration into Chegg Study and Chegg Skills; available across Desktop, Mobile Web, and Mobile Native
- Conversational and guided learning experience based on student needs
- **Answering routing** via Orchestrator automatically routes questions to various answering systems to generate best response
- · Localized to serve English & Spanish speaking learners, and more to come.
- **Personalized learning outcomes** based on student proficiency and learning science models
- Customer Data Profiles capture and store rich demographic and behavioral information to further customize user experience
- Build a Community that connects learners through content and interactions and provides a platform for collaborative learning
- Proprietary Orchestration between LLMs and our tooling: Frontier Models + computational engines (e.g., Mathway) optimized for education and STEM-B
- Additional ML models for image transcription (OCR), question understanding, and Honor Code enforcement
- Content moderation by vetted and trained in-house subject matter experts, over 150K individuals
- · Quality Workbench automates content quality evaluation
- Content correction and feedback to improve model performance and accuracy
- Proprietary training assets: 100M+ pieces of subject matter expert-vetted content
- Annotation system to collect and synthesize additional data at scale
- Content Taxonomy: Chegg-owned framework that structures and organizes content to guide AI models and power Orchestrator

Chegg at a Glance: Financials and KPIs - 2023

\$716 Million

TOTAL REVENUE

\$222 Million

ADJUSTED EBITDA

\$597 Million

CONVERTIBLE NOTE REPURCHASES AT \$92 MILLION DISCOUNT TO PAR

7.7 Million

SUBSCRIPTION SERVICES **SUBSCRIBERS**

31%

ADJUSTED FBITDA MARGIN

>\$300 Million

STOCK REPURCHASES

\$100 Million

INTERNATIONAL REVENUE

\$173 Million

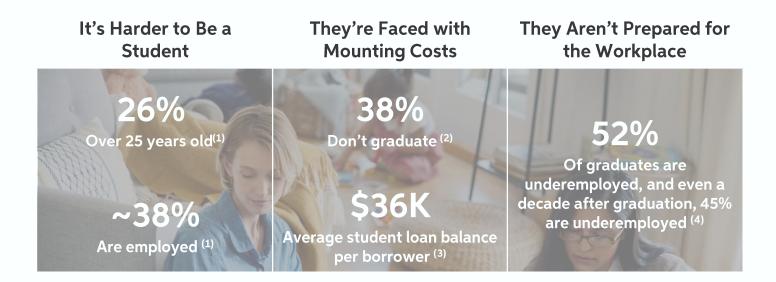
FRFF CASH FLOW

19%

REDUCTION IN SHARES OUTSTANDING VS. 2022

VOTED AS ONE OF FORTUNE'S BEST WORKPLACES(3) AND 15 COMPARABLY AWARDS(4)

Today's Learners Face More Pressure Than Ever



Learners need a Platform to Support Them

Chegg's Integrated Platform of Connected Services

Subscription Services



Chegg Study

Personalized step-by-step learning support powered by artificial intelligence, computational engines and subject-matter experts. Our databse includes 132 million solutions¹



Chegg Writing

A leading provider of online writing tools. Creates bibliographies and checks for grammar errors, sentence structure, and plagiarism



Chegg Math

Step by step math problem solver



Busuu

A leading online language learning platform offering self-paced lessons, live classes with experts, and community support. Busuu is available direct-toconsumer as well as through B2B partners, such as Guild

Chegg Study Pack

Integrated academic support platform including Chegg Study, Writing, and Math.

Skills & Other



Skills / Thinkful

High quality online skills-based courses in areas such as AI Prompt Engineering, Applying AI, Data Science, Data Analytics, UX/UI Design, and Cybersecurity are offered to professional learners via their employers and direct-to-student.



Advertising

Programmatic advertising across our platform and unique brand partnerships allow brands to reach our valuable audience



Required Materials

Students can rent or buy print textbooks or eTextbooks, facilitated by our partner

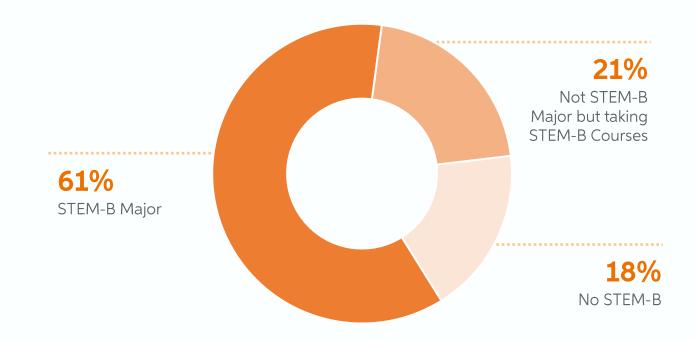
Overwhelming value for students and unique competitive advantages

Real-time Individualized Conversational Affordable Backed by Expert Human Help Satisfaction Guarantee



- 28% First generation
- 23% Family income <\$20k
- 53% Minorities
- 61% Female
- 26% Over 25 years old
- 5% work Full-Time / 33% Part-Time

Majority of U.S. College Students are taking STEM-B Courses





Chegg Delivers Positive Learner Outcomes

Learn & Understand	Better Grades	More Efficient	Help When You Need It	Build Confidence
90%	91%	90%	91%	85%
Say that Chegg helps them <i>learn their</i> coursework. And 90% say Chegg helps them better understand the concepts they are studying in school.	Say they get better grades when they use Chegg to understand coursework.	Say that they work more efficiently when they use Chegg to understand their coursework.	Say that Chegg helps them figure it out if they get stuck or have a question when their instructor is not available .	Say that Chegg helps build confidence before an exam.



Chegg's Approach to ESG: Our Six Pillars



Public Recognition

- Chegg is rated AAA for ESG by MSCI, their highest ESG rating
- We are pleased to share our recognition as a company committed to sustainability in our industry and we are honored to be included in this year's <u>S&P Global Sustainable</u> Yearbook.

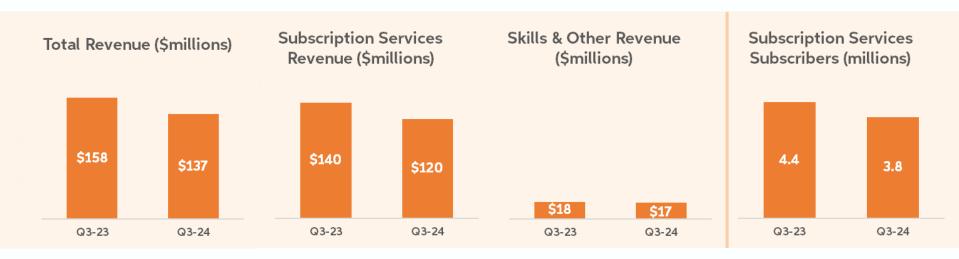
More details & recognition on our **ESG** site

Check out our annual <u>ESG Report!!</u>

Please also see our ESG website for additional information and detailed disclosures



Financial Highlights: Q3 2024 Revenue and Subscribers



• The year-over-year decrease in Subscription Services Revenue was primarily due to an 13% decrease in Subscription Services Subscribers, partially offset by a continued improvement in retention.

Financial Highlights: Q3 2024 Expenses ex-Stock Based Comp (SBC)*



We continue to take a prudent approach with expense management

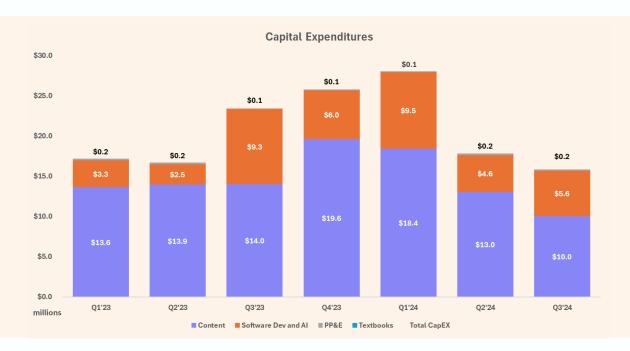


Financial Highlights: Q3 2024 Adj. EBITDA Margin, Free Cash Flow, and CapEx



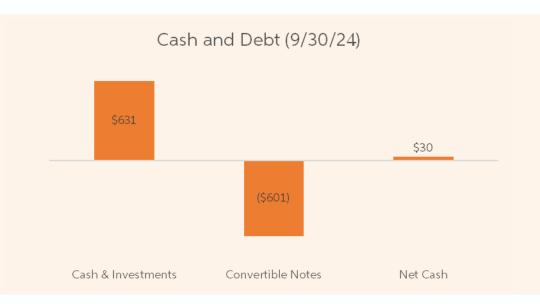


Capital Expenditures



• As we harness the power of AI, CapEx content costs were down 28% year-over-year, while the number of questions asked increased 79%.

Healthy Balance Sheet with History of Returning Capital to Shareholders



- We have opportunistically retired both convertible debt and equity, returning over \$1.2 billion and \$950 million, respectively, to investors through repurchases over the last three-plus years, including over \$300 million and almost \$600 million in 2023.
- Approximately \$601 million of convertible notes remain outstanding as of 9/30/24

• In November 2024, our board of directors approved a \$300 million increase to our existing securities repurchase program authorizing the repurchase of our common stock and/or convertible notes. After the November 2024 increase, we have \$303.7 million remaining under the securities repurchase program

Business Outlook

	Q3 2024 Results	Q4 2024 Guidance
Total Net Revenue	\$137m	\$141m - \$143m
Subscription Services Revenue	\$120m	\$126m - \$128m
Gross Margin %	68%	67%-68%
Adjusted EBTIDA ¹	\$22m	\$32m - \$34m
CapEx	\$16m	
Free Cash Flow ¹	\$24m	





Reconciliation of Net (Loss) Income to EBITDA and Adjusted EBITDA

CHEGG, INC. RECONCILIATION OF NET (LOSS) INCOME TO EBITDA AND ADJUSTED EBITDA (in thousands) (unaudited)

		nths Ended aber 30,	Nine Months Ended September 30,			
_	2024	2023	2024	2023		
Net (loss) income	(212,639)	\$ (18,283)	\$ (830,943)	\$ 8,515		
Interest expense	658	733	1,959	3,115		
Provision for income taxes	(2,723)	172	144,681	24,029		
Depreciation and amortization expense	19,573	56,918	58,966	108,945		
EBITDA	(195,131)	39,540	(625,337)	144,604		
Share-based compensation expense	21,931	31,930	69,267	101,596		
Other income, net	(7,586)	(40,492)	(25,485)	(116,671)		
Acquisition-related compensation costs	132	209	560	6,086		
Restructuring charges	2,112	_	8,840	5,704		
Impairment expense	195,708	3,600	677,239	3,600		
Impairment of lease related assets	_	_	2,189	_		
Content and related assets charge	_	4,047	729	4,047		
Loss contingency	5,100	_	5,100	7,000		
Transitional logistics charges	_			253		
Adjusted EBITDA	22,266	\$ 38,834	\$ 113,102	\$ 156,219		

Reconciliation of Net Income (Loss) to EBITDA and Adjusted EBITDA

CHEGG, INC. RECONCILIATION OF NET INCOME (LOSS) TO EBITDA AND ADJUSTED EBITDA (in thousands) (unaudited)

	Years Ended December 31,												
	2023	2022		2021		2020		2019		2018	2017		2016
Net income (loss)	\$ 18,180	\$ 266,638	\$	(1,458)	\$	(6,221)	\$	(9,605)	\$	(14,888)	\$ (20,283)	S	(42,245)
Interest expense, net	3,773	6,040		6,896		66,297		44,851		11,225	74		171
Provision for (benefit from) income taxes	32,132	(162,692)		7,197		5,360		2,634		1,430	1,802		1,707
Print textbook depreciation expense	_	1,610		10,859		15,397		_		_	_		9,267
Other depreciation and amortization expense	129,718	89,997		63,274		47,018		30,247		22,805	19,337		14,520
EBITDA	183,803	201,593		86,768		127,851		68,127		20,572	930		(16,580)
Print textbook depreciation expense Share-based compensation	_	(1,610)		(10,859)		(15,397)		_		_	_		(9,267)
expense	133,502	133,456		108,846		84.055		64,909		52.030	38,359		41,785
Other (income) expense, net		(101,029)		65,472		(8,683)		(20,063)		(3,987)	(560)		297
Acquisition-related compensation costs	6,290	14,427		6,378		9,232		10,466		14,096	6,623		4,988
Transitional logistics charges	253	2,463		7,332		_		_		_	_		_
Restructuring charges	5,704	_		1,922		_		97		589	1,047		(423)
Content and related assets charge ⁽¹⁾	7,647	_		_		_		_		_	_		_
Loss contingency	7,000	_		_		_		_		_	_		_
Impairment of lease related assets	_	5,225		_		_		_		_	_		_
Loss from impairment of strategic equity investment	_	_		_		10,000		_		_	_		_
Donation from Chegg Foundation	_	_		_		_		1,478		_	_		_
Adjusted EBITDA	\$ 222,389	\$ 254,525	\$	265,859	\$	207,058	\$	125,014	\$	83,300	\$ 46,399	\$	20,800

Reconciliation of Forward-Looking Net Loss to EBITDA and Adjusted EBITDA

CHEGG, INC. RECONCILIATION OF FORWARD-LOOKING NET LOSS TO EBITDA AND ADJUSTED EBITDA (in thousands) (unaudited)

	 ree Months Ending ecember 31, 2024
Net loss	\$ (16,600)
Interest expense, net	500
Provision for income taxes	(1,700)
Depreciation and amortization expense	19,200
EBITDA	1,400
Share-based compensation expense	15,100
Other income, net	(7,200)
Acquisition-related compensation costs	200
Restructuring charges	18,100
Impairment of lease related assets	3,800
Content and related assets charge	1,600
Adjusted EBITDA	\$ 33,000

^{*} Adjusted EBITDA guidance for the three months ending December 31, 2024 represent the midpoint of the range of \$32 million to \$34 million, respectively.

Reconciliation of Net Cash Provided by Operating Activities to Free Cash Flow

CHEGG, INC. RECONCILIATION OF NET CASH PROVIDED BY OPERATING ACTIVITIES TO FREE CASH FLOW (in thousands) (unaudited)

	Three Mor Septem			Nine Months Ended September 30,			
	2024	2023		2024			2023
Net cash provided by operating activities	\$ 39,532	\$	32,807	\$	107,077	\$	168,714
Purchases of property and equipment	(15,842)		(23,434)		(61,659)		(57,298)
Proceeds from disposition of textbooks							9,787
Free cash flow	\$ 23,690	\$	9,373	\$	45,418	\$	121,203

Reconciliation of Net Cash Provided by Operating Activities to Free Cash Flow

CHEGG, INC. RECONCILIATION OF NET CASH PROVIDED BY OPERATING ACTIVITIES TO FREE CASH FLOW (in thousands) (unaudited)

	Years Ended December 31,										
	2023	2022	2021	2020	2019	2018	2017	2016			
Net cash provided by operating activities	\$ 246,198	\$ 255,736	\$ 273,224	\$ 236,442	\$ 113,403	\$ 75,113	\$ 51,550	\$ 24,262			
Purchases of property and equipment	(83,052)	(103,092)	(94,180)	(81,317)	(42,326)	(31,223)	(26,142)	(24,689)			
Purchases of textbooks	_	(3,815)	(10,931)	(58,567)	_	_	_	(886)			
Proceeds from disposition of textbooks	9,787	6,003	8,714	7,569			6,943	25,646			
Free cash flow	\$ 172,933	\$ 154,832	\$ 176,827	\$ 104,127	\$ 71,077	\$ 43,890	\$ 32,351	\$ 24,333			

Reconciliation of GAAP Expenses to Non-GAAP Expenses Excluding Share-Based **Compensation and Other One-Time Expenses**

RECONCILIATION OF GAAP EXPENSES TO NON-GAAP EXPENSES EXCLUDING CERTAIN SHARE-BASED COMPENSATION AND OTHER ONE-TIME EXPENSES (unaudited)

	Three Months Ended September 30,			
	_	2024		2023
Cost of revenues	. \$	43,420	\$	83,575
Share-based compensation		(471)		(598)
Content and related assets charge		_		(38,242)
Cost of revenues excluding share-based compensation and content and related	_		_	
assets charge	. \$	42,949	\$	44,735
Research and development	. \$	41,337	\$	46,202
Share-based compensation		(7,492)		(11,027)
Research and development excluding share-based compensation	. \$	33,845	\$	35,175
Sales and marketing	. \$	26,508	\$	28,872
Share-based compensation		(2,100)		(2,435)
Sales and marketing excluding share-based compensation	. \$	24,408	\$	26,437
General and administrative	. \$	51,910	\$	53,475
Share-based compensation		(11,868)		(17,870)
Loss contingency		(5,100)		_
General and administrative excluding share-based compensation and loss contingency	. \$	34,942	\$	35,605
Total operating expenses	. \$	315,463	\$	132,149
Share-based compensation		(21,460)		(31,332)
Impairment expense		(195,708)		(3,600)
Loss contingency		(5,100)		
Total operating expenses excluding share-based compensation, impairment expense, and loss contingency	. \$	93,195	\$	97,217