## G

## Annual Shareholders Meeting May 3, 2018

The presentation at this meeting contains certain forward-looking statements that are based largely on the Company's current expectations. Forward-looking statements are subject to certain risks and uncertainties that could cause actual results and achievements to differ materially from those expressed in the forward-looking statements. For more information about these forward-looking statements and related risks, please refer to the section titled "Forward-Looking Statements" in Part 1 of the Company's Annual Report on Form 10-K and the section titled "Corporate Governance/Risk Factors" under "Investor Relations" on the Company's website, www.ghco.com and as updated in the Company's Form 10-Q for the first quarter.

## Key Updates from our Prior Meeting

- Kaplan University transaction completed
- Unique deal positions Higher Education service business for the future
- Significant changes in U.S. tax code improves cash flow profile of our business
- $35 \%$ federal rate vs. $21 \%$ federal rate
- Repurchased 219,191 shares over past four quarters
- Weighted average price per share of $\sim \$ 590$, or $\$ 129.4$ MM
- Operational improvements at certain businesses starting to materialize


## Kaplan University Transaction

- Kaplan receives fee equal to $12.5 \%$ of adjusted revenue after cost reimbursements
- To the extent the fee cannot be paid in full due to insufficient revenues, fee may be carried forward subject to limitations
- Key Focus Areas
- Student Outcomes
- Rebranding and Awareness
- Enrollment Trends


## 2017 Comparative Results

(\$ millions)

|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ | \% Change |
| :--- | ---: | ---: | ---: |
| Revenue |  |  |  |
| Education | $\$ 1,517$ | $\$ 1,598$ | $(5 \%)$ |
| Television broadcasting | 410 | 410 | $0 \%$ |
| Other businesses | 665 | 474 | $40 \%$ |
|  | $\$ 2,592$ | $\$ 2,482$ | $4 \%$ |

Operating Income (Loss) Before Amortization and Impairment*

| Education | $\$ 83$ | $\$ 103$ | $(19 \%)$ |
| :--- | ---: | ---: | ---: |
| Television broadcasting | 146 | 203 | $(28 \%)$ |
| Other businesses | 17 | $(2)$ | - |
| Corporate office | $(59)$ | $(53)$ | $(10 \%)$ |
|  | $\$ 187$ | $\$ 251$ | $(25 \%)$ |

## Q1 2018 and 2017 Results <br> (\$ millions)

|  | Q1 2018 | Q1 2017 | \% Change |
| :--- | ---: | ---: | ---: |
| Revenue |  |  |  |
| Education | $\$ 375$ | $\$ 373$ | $1 \%$ |
| Television broadcasting | 109 | 92 | $19 \%$ |
| Other businesses | 175 | 118 | $48 \%$ |
|  | $\$ 659$ | $\$ 583$ | $13 \%$ |
| Operating Income (Loss) Before Amortization* |  |  |  |
| Education |  |  |  |
| Television broadcasting | $\$ 24$ | $\$ 11$ | - |
| Other businesses | 42 | 27 | $53 \%$ |
| Corporate office | 3 | $(6)$ | - |
|  | $(14)$ | $(15)$ | $8 \%$ |

The sum of certain amounts may not equal the total due to rounding
*Non-GAAP measure - see reconciliation at ghco.com

## Operating Income (Loss) before Amortization*: 2015 to 2017

 (from continuing operations; \$ millions)

2015
2017

## Balance Sheet

(\$ millions)

|  | $\mathbf{3 / 3 1 / 2 0 1 8}$ | $\mathbf{1 2 / 3 1 / 2 0 1 7}$ | \% Change |
| :--- | ---: | ---: | ---: |
| Cash and restricted cash | $\$ 328$ | $\$ 408$ | $(19 \%)$ |
| Marketable equity securities/other | 491 | 557 | $(12 \%)$ |
| Other current assets | 702 | 771 | $(9 \%)$ |
| Net property, plant and equipment | 259 | 259 | $0 \%$ |
| Net goodwill and intangibles | 1,636 | 1,640 | $0 \%$ |
| Prepaid pension cost | 1,074 | 1,057 | $2 \%$ |
| Other assets | 271 | 246 | $10 \%$ |
| Total Assets |  |  |  |
|  | $\$ 4,761$ | $\$ 4,938$ | $(4 \%)$ |
| Current liabilities |  |  |  |
| Debt | $\$ 746$ | $\$ 872$ | $(14 \%)$ |
| Other long-term liabilities | 498 | 493 | $1 \%$ |
| Shareholders' Equity | 632 | 658 | $(4 \%)$ |
| Total Liabilities and Equity | 2,885 | 2,915 | $(1 \%)$ |

## GHgraham holdings

## Graham Media Group

## (\$ millions)

|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ | \% Change |
| :--- | ---: | ---: | ---: |
| Revenue | $\$ 410$ | $\$ 410$ | $0 \%$ |
| Operating Income Before Amortization* | $\$ 146$ | $\$ 203$ | $(28 \%)$ |


|  | Q1 2018 | Q1 2017 | \% Change |
| :--- | ---: | ---: | ---: |
| Revenue | $\$ 109$ | $\$ 92$ | $19 \%$ |
| Operating Income Before Amortization* | $\$ 42$ | $\$ 27$ | $53 \%$ |



* Non-GAAP measure - see reconciliation at ghco.com


## Kaplan

(\$ millions)

| Revenue | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 5}$ |  |
| :--- | ---: | ---: | ---: | ---: |
| Kaplan International |  |  |  |  |
| Higher Education | $\$ 698$ | $\$ 696$ | $\$ 770$ | $\$ 841$ |
| Test Preparation | 431 | 502 | 757 | 923 |
| Professional (U.S.) | 273 | 287 | 302 | 305 |
| Corporate and Other | 116 | 115 | 92 | 87 |
|  | $(2)$ | $\mathbf{( 2 )}$ | 6 | $\mathbf{5 1 , 5 9 8}$ |


| Operating Income (Loss) Before Amortization and Impairment* |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Kaplan International | $\$ 52$ | $\$ 48$ | $\$ 54$ | $\$ 69$ |
| Higher Education | 17 | 39 | 30 | 59 |
| Test Preparation | 12 | 10 | 17 | $(5)$ |
| Professional (U.S.) | 28 | 27 | 26 | 24 |
| Corporate and Other | $(25)$ | $(22)$ | $(82)$ | $(56)$ |

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*Non-GAAP measure - see reconciliation at ghco.com

## Kaplan

(\$ millions)

Revenue
Kaplan International
Higher Education
Test Preparation
Professional (U.S.)
Corporate and Other

| $\$ 184$ | $\$ 165$ | $12 \%$ |
| ---: | ---: | ---: |
| 100 | 111 | $(10 \%)$ |
| 59 | 65 | $(8 \%)$ |
| 33 | 33 | $0 \%$ |
| 0 | $(1)$ | $(23 \%)$ |
| $\$ 375$ | $\$ 373$ | $1 \%$ |

Operating Income (Loss) Before Amortization*
Kaplan International \$20
\$8
Higher Education
12

Test Preparation 1
Professional (U.S.)
Corporate and Other

The sum of certain amounts may not equal the total due to rounding

* Non-GAAP measure - see reconciliation at ghco.com


## G Ggaham holdings

## Manufacturing

(\$ millions)

|  | 2017 | 2016 | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 4}$ |
| :--- | ---: | ---: | ---: | ---: |
| Revenue | $\$ 414$ | $\$ 242$ | $\$ 92$ | $\$ 53$ |
| Operating Income Before Amortization* | $\$ 46$ | $\$ 25$ | $\$ 13$ | $\$ 7$ |
|  |  |  |  |  |
| Revenue | Q1 2018 | Q1 2017 | \% Change |  |
| Operating Income Before Amortization* | $\$ 117$ | $\$ 62$ | $90 \%$ |  |

Joyce.

## Graham Healthcare Group

## (\$ millions)

|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ | \% Change |
| :--- | ---: | ---: | ---: |
| Revenue | $\$ 154$ | $\$ 147$ | $5 \%$ |
| Operating Income Before Amortization* | $\$ 5$ | $\$ 10$ | $(44 \%)$ |


|  | Q1 2018 | Q1 2017 | \% Change |
| :--- | ---: | ---: | ---: |
| Revenue | $\$ 38$ | $\$ 37$ | $2 \%$ |
| Operating Income Before Amortization* | $\$ 0$ | $\$ 1$ | $(43 \%)$ |

## SocialCode

(\$ millions)

|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ | \% Change |
| :--- | ---: | ---: | ---: |
| Revenue | $\$ 62$ | $\$ 59$ | $5 \%$ |
| Operating Income Before Amortization* | $(\$ 3)$ | $(\$ 12)$ | $73 \%$ |


|  | Q1 2018 | Q1 2017 | \% Change |
| :--- | ---: | ---: | ---: |
| Revenue | $\$ 13$ | $\$ 13$ | $6 \%$ |
| Operating Income Before Amortization* | $(\$ 4)$ | $(\$ 4)$ | $16 \%$ |

## Other Businesses

## Slate

## PAN@PLY

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Cybersecurity Training and Workforce Development


## Operating and Free Cash Flow <br> (\$ millions)

| Operating Income | $\mathbf{2 0 1 6}$ |  |
| :--- | ---: | ---: |
| Add: Depreciation, Amortization and Impairment | $\$ 136$ | $\$ 223$ |
| Add: Pension Expense | 113 | 93 |
| Operating Cash Flow* | 19 | 20 |
| Less: Capital Expenditures | $\$ 268$ | $\$ 336$ |
| Free Cash Flow* | $(60)$ | $(67)$ |


|  | Q1 2018 | Q1 2017 |
| :--- | ---: | ---: |
| Operating Income | $\$ 44$ | $\$ 10$ |
| Add: Depreciation, Amortization and Impairment | 25 | 21 |
| Add: Pension Expense | 5 | 5 |
| Operating Cash Flow* | $\$ 74$ | $\$ 37$ |
| Less: Capital Expenditures | $(18)$ | $(16)$ |
| Free Cash Flow* | $\$ 57$ | $\mathbf{\$ 2 1}$ |

The sum of certain amounts may not equal the total due to rounding

* Non-GAAP measure


## Management Approach

## Long-Term Orientation

"Management does not focus at all on quarterly results; if you do, you shouldn’t own our stock. We'll willingly take actions that produce poor published results in a quarter, a year or several years if those actions will build a more valuable company for our shareholders."

- Don Graham letter to shareholders


## Decentralization

While sharing common goals and values, each of the company's business units has its own identity, and culture. Each unit is responsible for their own operations.

## Quality

We are committed to providing the highest standards of customer satisfaction in serving all who purchase our company's products and services.

## Acquisition Strategy

- Well-run, profitable businesses in fields we can understand
- Strong management with an interest and dedication to continuing to run the business
- Businesses we believe have at least ten years of stable or growing earnings ahead
- Reinvestment opportunities that are apparent within the business

G $\$ graham holdings

